

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081419AL\
 Data File : FD030050.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2019 14:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 13 17:38:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.567	2625941	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.992	2137809	18.744 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.366	2409484	20.134 ug/ml
2) T n-Decane (C10)	4.428	2460093	20.229 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2782774	20.213 ug/ml
4) T n-Dodecane (C12)	6.436	2472806	20.279 ug/ml
5) T A~2-methylnaphthalene...	7.058	2798363	20.234 ug/ml
6) T n-Tetradecane (C14)	8.223	2491261	20.197 ug/ml
7) T n-Hexadecane (C16)	9.815	2501004	20.030 ug/ml
8) T n-Octadecane (C18)	11.249	2497630	19.536 ug/ml
10) T n-Eicosane (C20)	12.550	2467305	19.004 ug/ml
11) T n-Heneicosane (C21)	13.158	2432869	18.733 ug/ml
13) T n-Docosane (C22)	13.740	2406890	18.433 ug/ml
14) T n-Tetracosane (C24)	14.835	2345342	17.869 ug/ml
15) T n-Hexacosane (C26)	15.848	2248222	17.431 ug/ml
16) T n-Octacosane (C28)	16.789	2177280	17.160 ug/ml
17) T n-Tricontane (C30)	17.669	2052257	16.935 ug/ml
18) T n-Dotriacontane (C32)	18.495	1895181	16.902 ug/ml
19) T n-Tetratriacontane (C34)	19.271	1576085	17.776 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1423319	19.151 ug/ml
21) T n-Octatriacontane (C38)	20.720	1317756	19.797 ug/ml
22) T n-Tetracontane (C40)	21.594	1376338	19.485 ug/ml

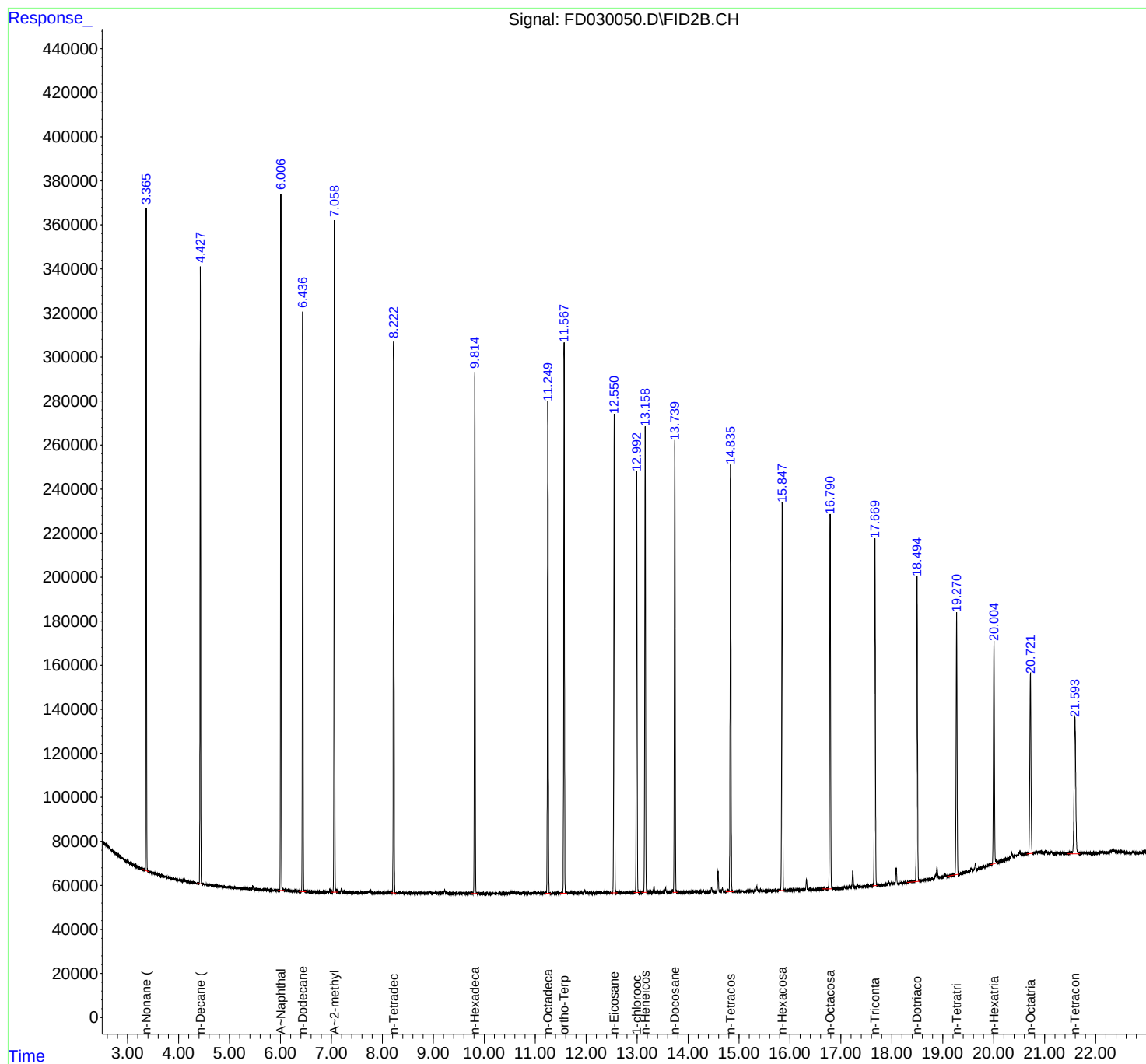
(f)=RT Delta > 1/2 Window

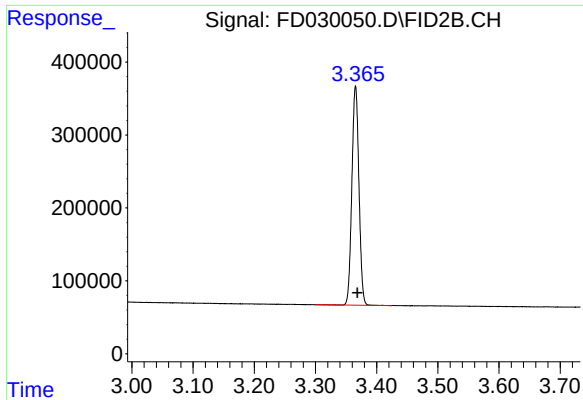
(m)=manual int.

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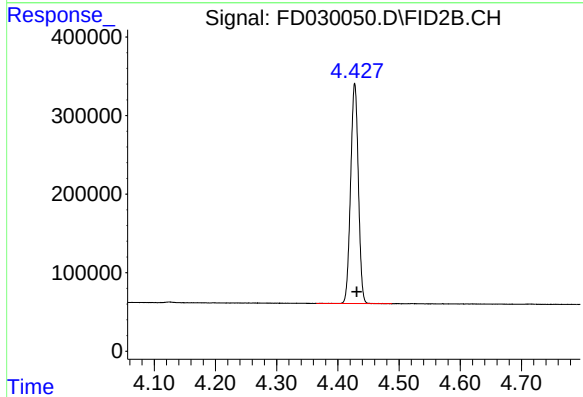
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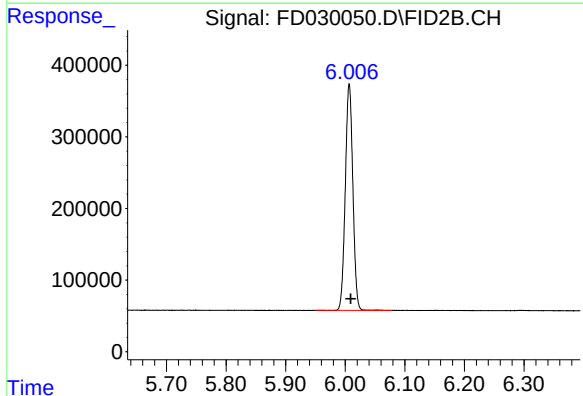
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.003 min
Response: 2409484
Conc: 20.13 ug/ml



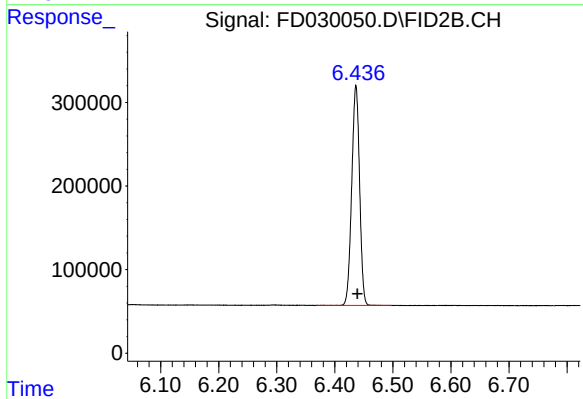
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 2460093
Conc: 20.23 ug/ml



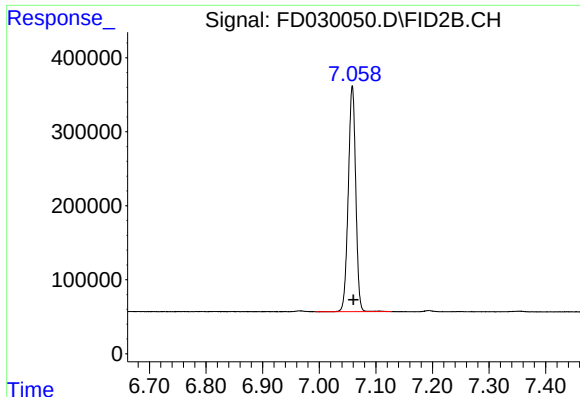
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.003 min
Response: 2782774
Conc: 20.21 ug/ml



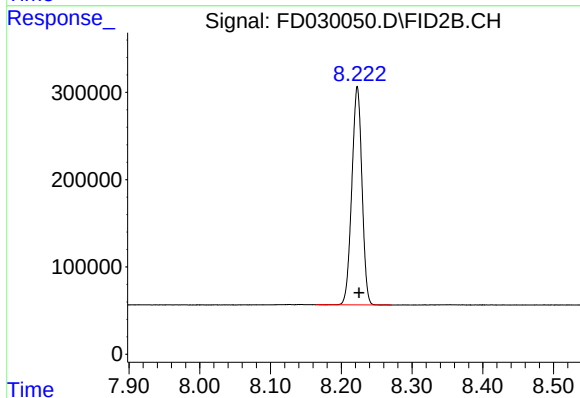
#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 2472806
Conc: 20.28 ug/ml



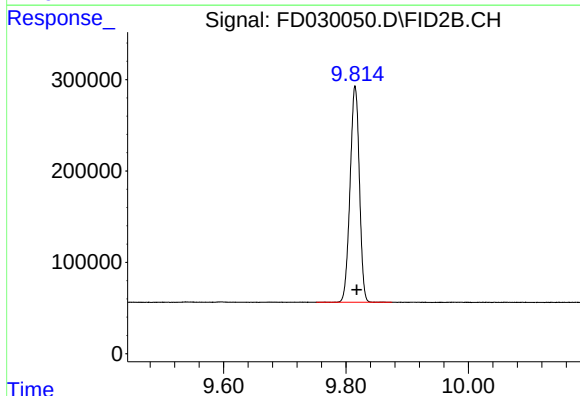
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 2798363
Conc: 20.23 ug/ml



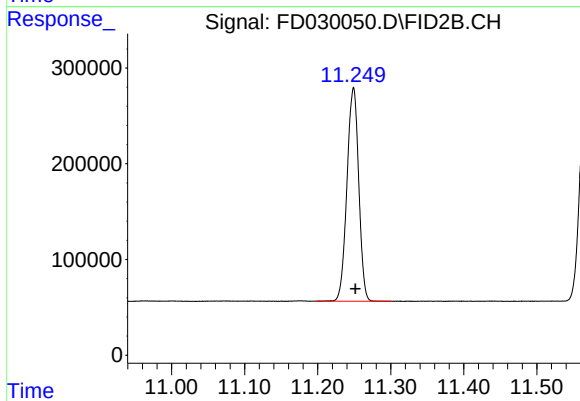
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 2491261
Conc: 20.20 ug/ml



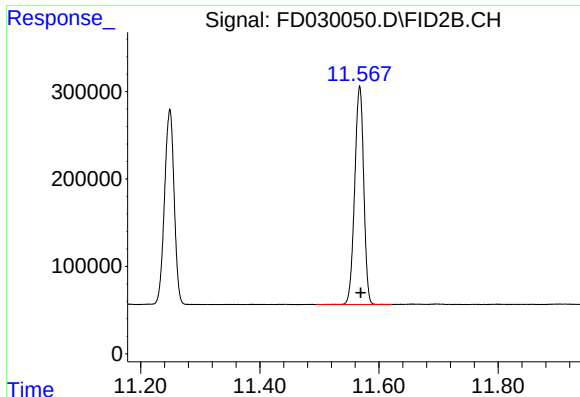
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 2501004
Conc: 20.03 ug/ml



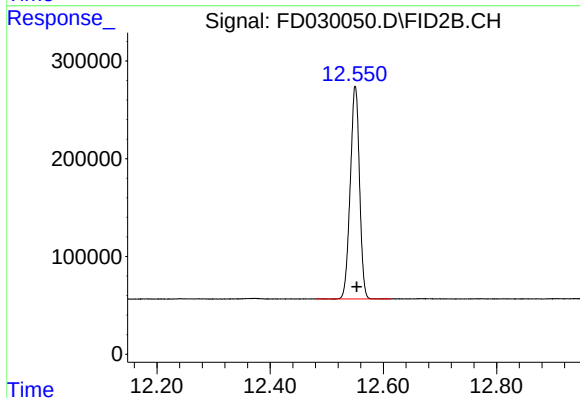
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 2497630
Conc: 19.54 ug/ml



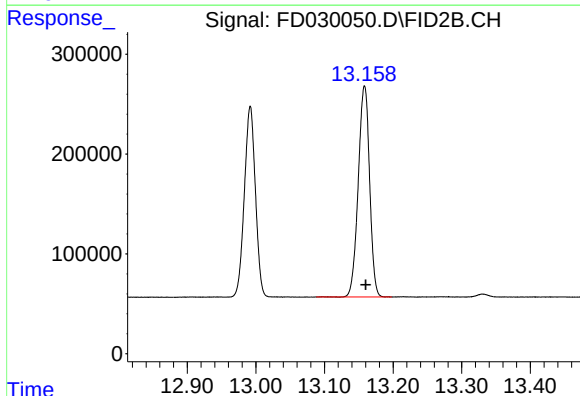
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 2625941
Conc: 19.10 ug/ml



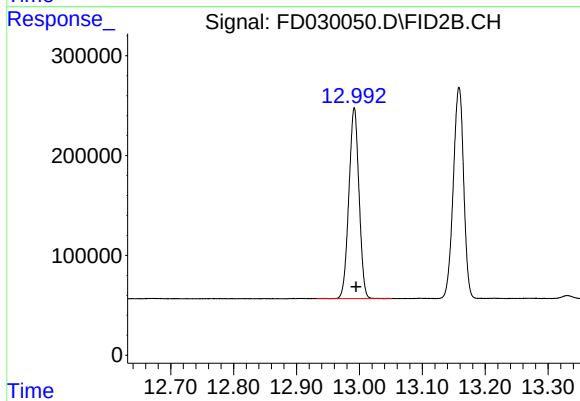
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.002 min
Response: 2467305
Conc: 19.00 ug/ml



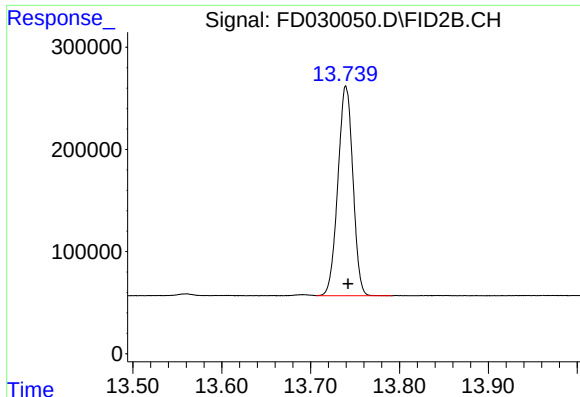
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.002 min
Response: 2432869
Conc: 18.73 ug/ml



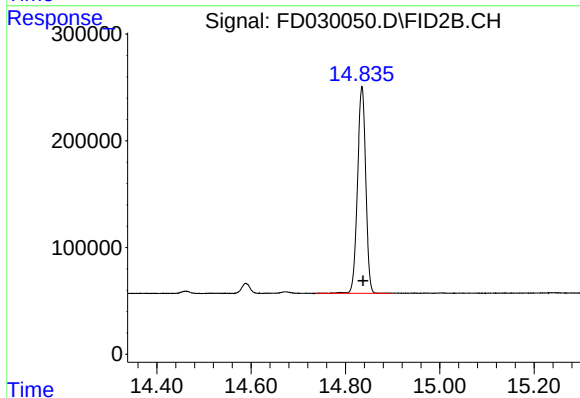
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.003 min
Response: 2137809
Conc: 18.74 ug/ml



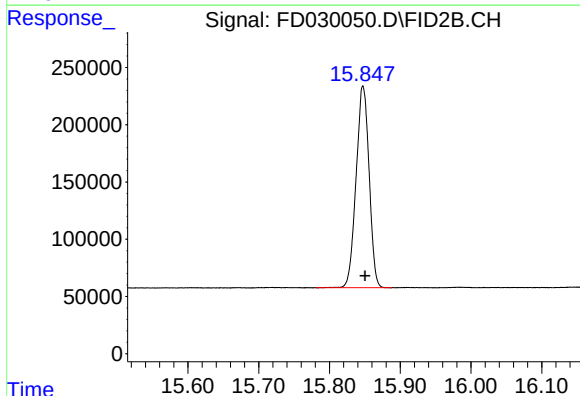
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.002 min
Response: 2406890
Conc: 18.43 ug/ml



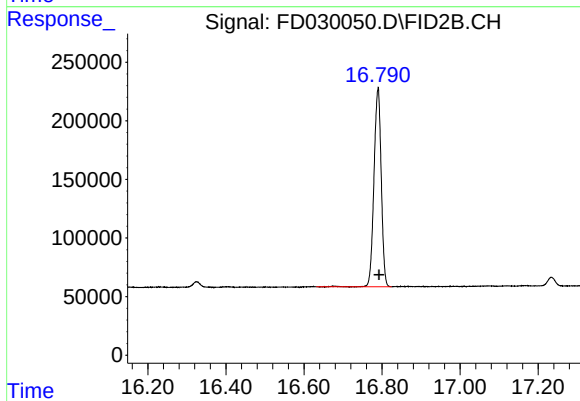
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.002 min
Response: 2345342
Conc: 17.87 ug/ml



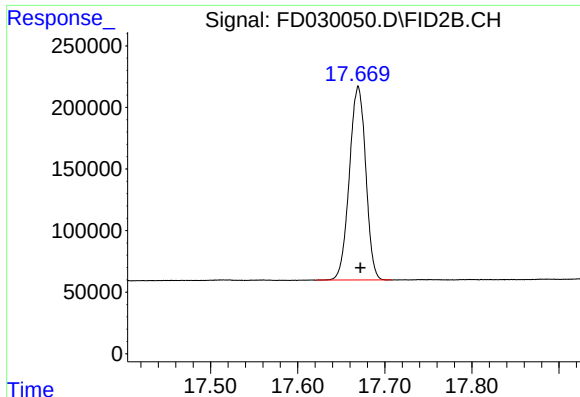
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.003 min
Response: 2248222
Conc: 17.43 ug/ml



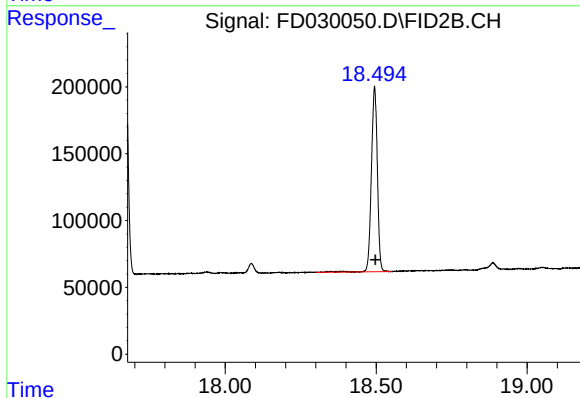
#16 n-Octacosane (C28)

R.T.: 16.789 min
Delta R.T.: -0.003 min
Response: 2177280
Conc: 17.16 ug/ml



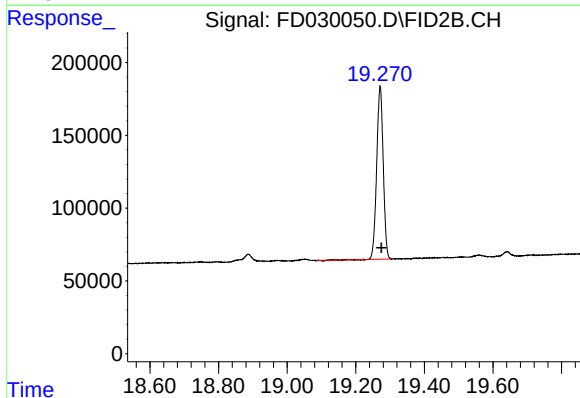
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: -0.003 min
Response: 2052257
Conc: 16.94 ug/ml



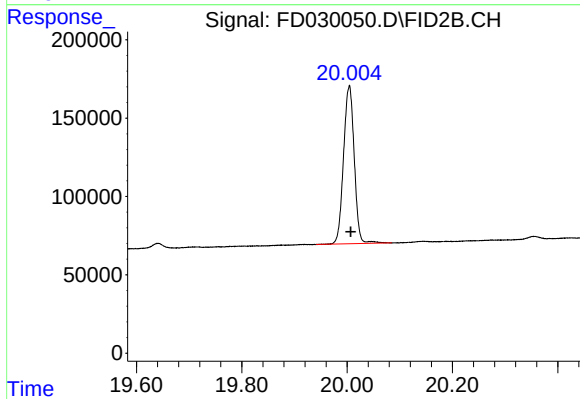
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.003 min
Response: 1895181
Conc: 16.90 ug/ml



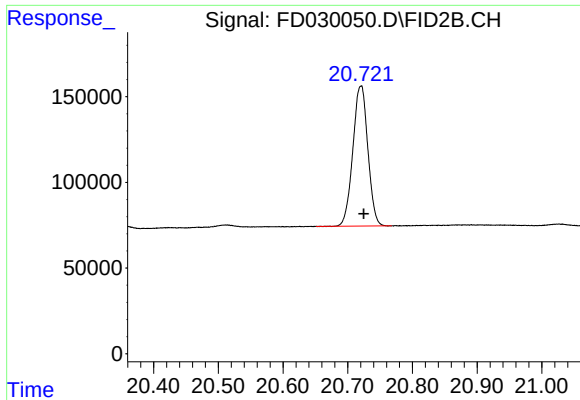
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.004 min
Response: 1576085
Conc: 17.78 ug/ml



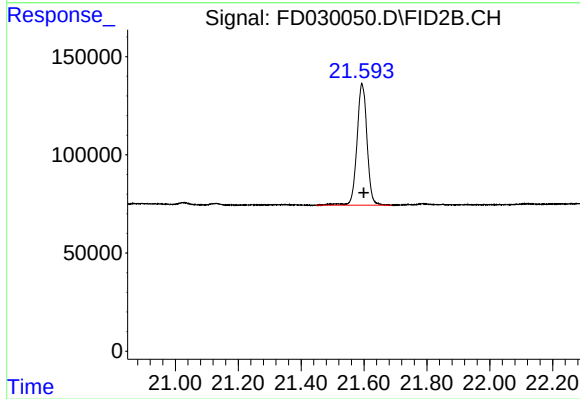
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.003 min
Response: 1423319
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.005 min
Response: 1317756
Conc: 19.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.005 min
Response: 1376338
Conc: 19.48 ug/ml