

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AL\
 Data File : FD033457.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 2:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 04:59:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 04:58:19 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)	11.479	2825038	20.582 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	12.910	2281007	20.480 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
Target Compounds			
1) T n-Nonane (C9)	3.294	2401886	20.726 ug/ml
2) T n-Decane (C10)	4.353	2419913	20.723 ug/ml
3) T A~Naphthalene (C11.7)	5.927	2597436	20.905 ug/ml
4) T n-Dodecane (C12)	6.357	2486608	20.730 ug/ml
5) T A~2-methylnaphthalene...	6.976	2666799	21.083 ug/ml
6) T n-Tetradecane (C14)	8.141	2525226	20.690 ug/ml
7) T n-Hexadecane (C16)	9.732	2509458	20.663 ug/ml
8) T n-Octadecane (C18)	11.165	2627070	20.564 ug/ml
10) T n-Eicosane (C20)	12.467	2643487	20.458 ug/ml
11) T n-Heneicosane (C21)	13.076	2634964	20.417 ug/ml
13) T n-Docosane (C22)	13.659	2630574	20.423 ug/ml
14) T n-Tetracosane (C24)	14.757	2619635	20.424 ug/ml
15) T n-Hexacosane (C26)	15.772	2592282	20.420 ug/ml
16) T n-Octacosane (C28)	16.717	2580793	20.396 ug/ml
17) T n-Tricontane (C30)	17.600	2507732	20.346 ug/ml
18) T n-Dotriacontane (C32)	18.428	2297407	20.350 ug/ml
19) T n-Tetratriacontane (C34)	19.208	2159305	20.411 ug/ml
20) T n-Hexatriacontane (C36)	19.942	2034434	20.560 ug/ml
21) T n-Octatriacontane (C38)	20.653	1919151	20.809 ug/ml
22) T n-Tetracontane (C40)	21.502	1951584	21.017 ug/ml

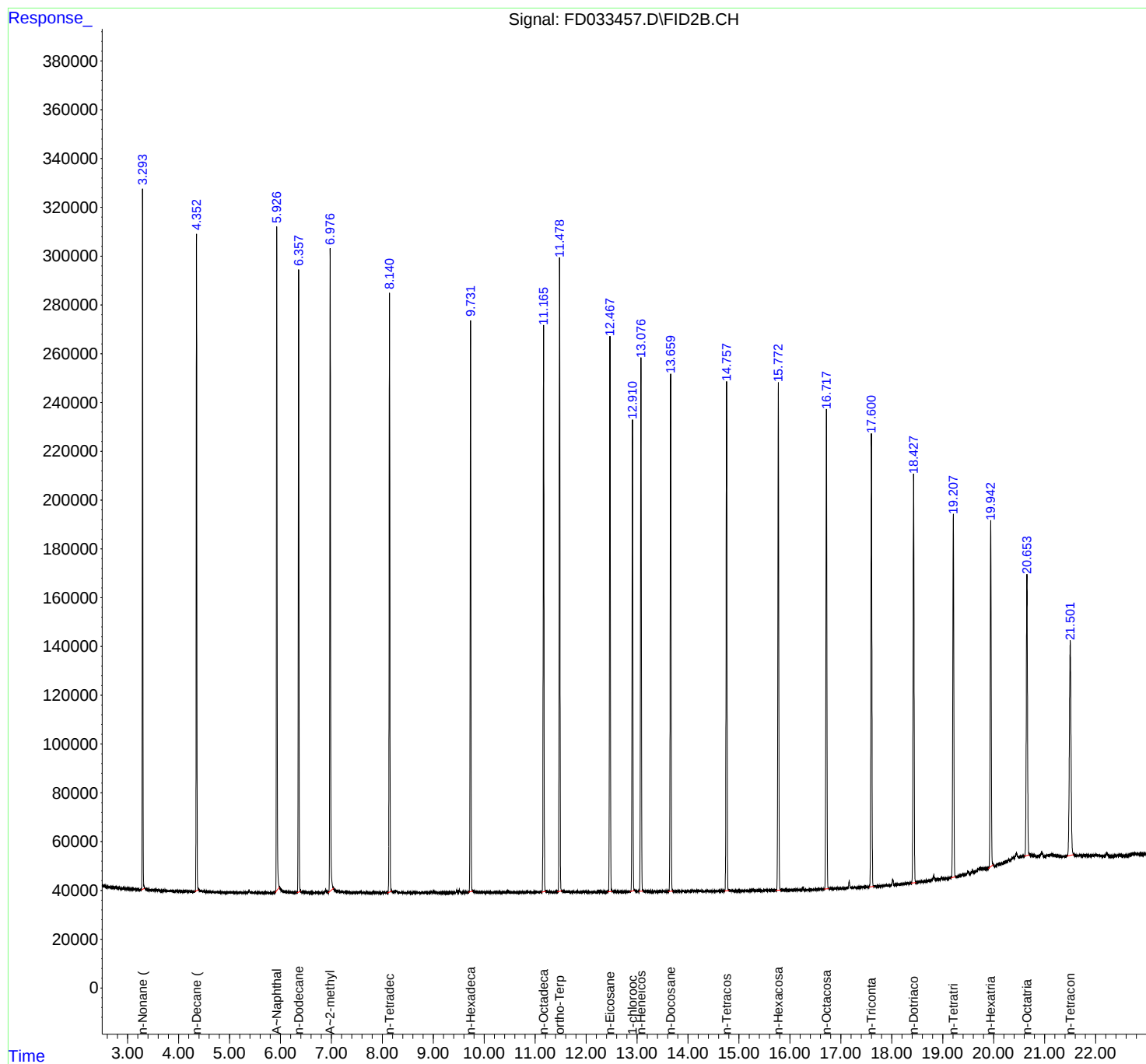
(f)=RT Delta > 1/2 Window

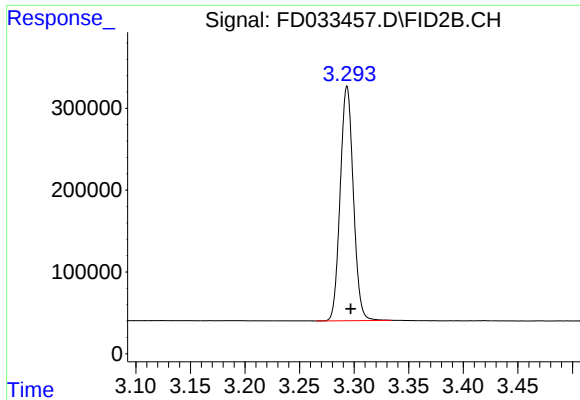
(m)=manual int.

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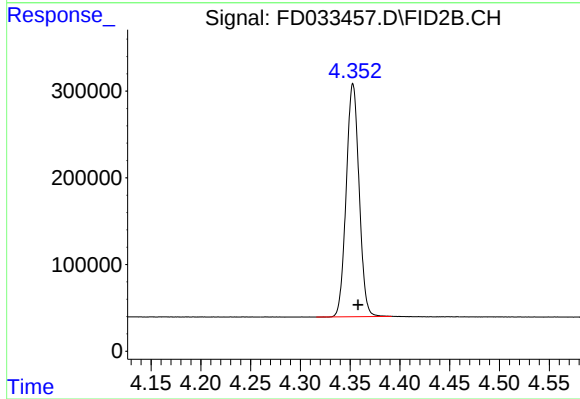
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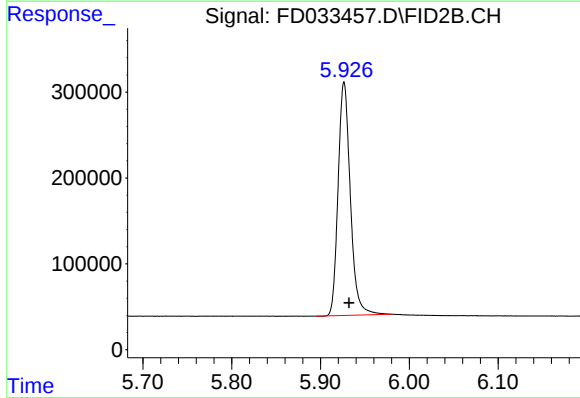
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.003 min
Response: 2401886
Conc: 20.73 ug/ml



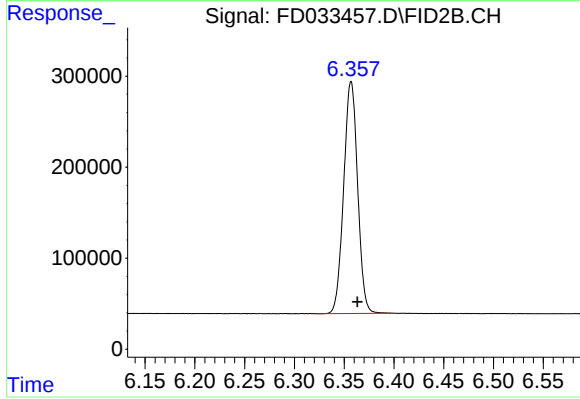
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.005 min
Response: 2419913
Conc: 20.72 ug/ml



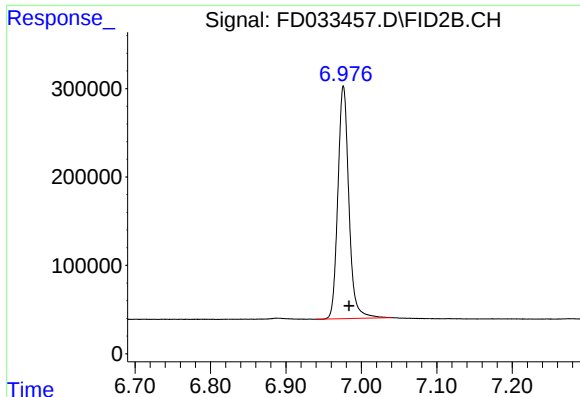
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 2597436
Conc: 20.90 ug/ml



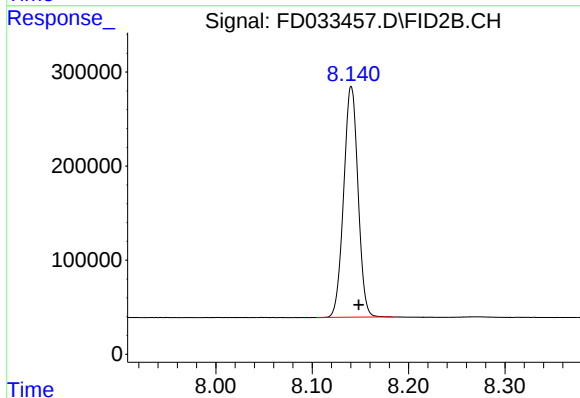
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.006 min
Response: 2486608
Conc: 20.73 ug/ml



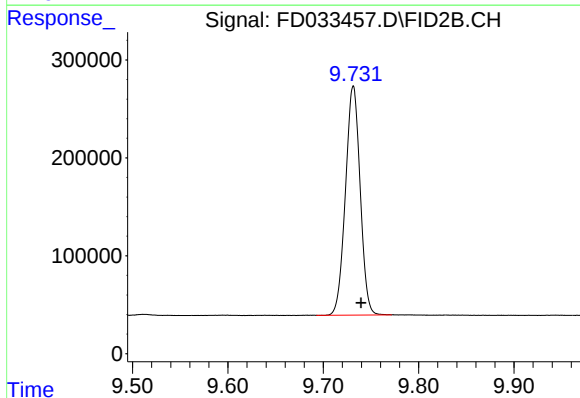
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.007 min
Response: 2666799
Conc: 21.08 ug/ml



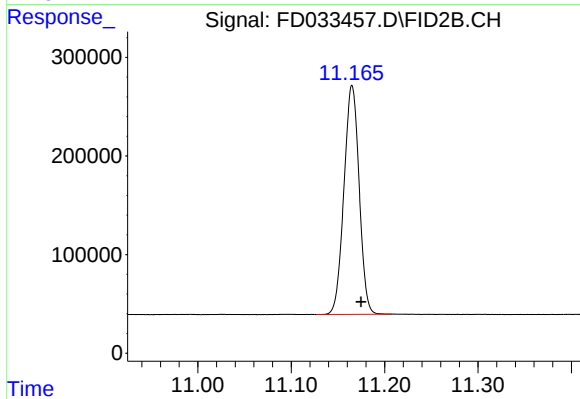
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.008 min
Response: 2525226
Conc: 20.69 ug/ml



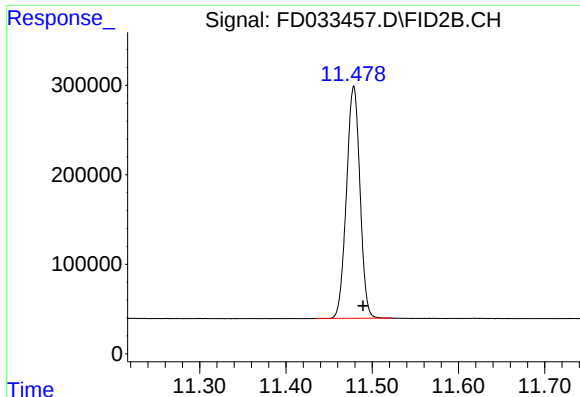
#7 n-Hexadecane (C16)

R.T.: 9.732 min
Delta R.T.: -0.008 min
Response: 2509458
Conc: 20.66 ug/ml



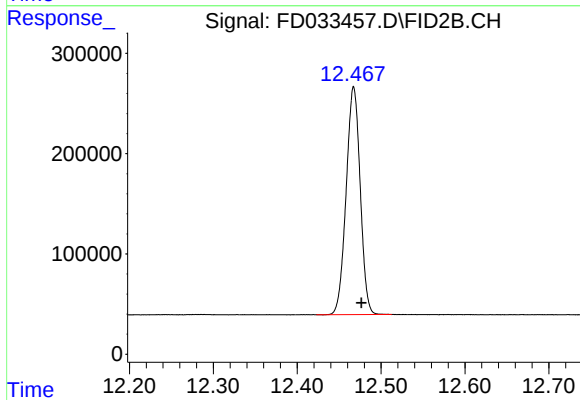
#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: -0.010 min
Response: 2627070
Conc: 20.56 ug/ml



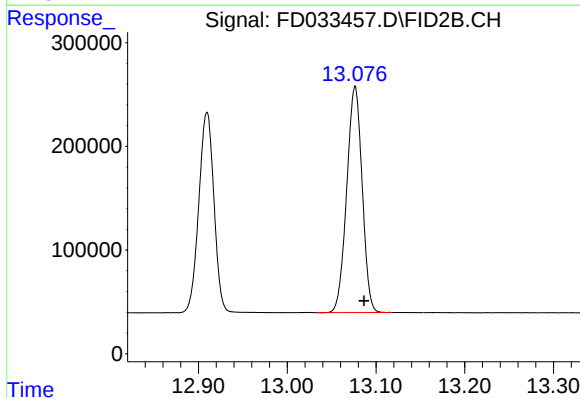
#9 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.011 min
Response: 2825038
Conc: 20.58 ug/ml



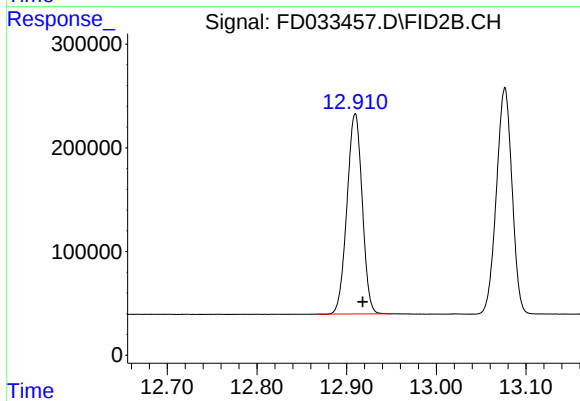
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: -0.009 min
Response: 2643487
Conc: 20.46 ug/ml



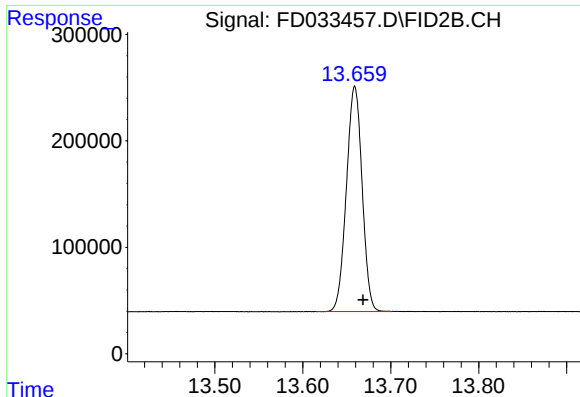
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: -0.010 min
Response: 2634964
Conc: 20.42 ug/ml



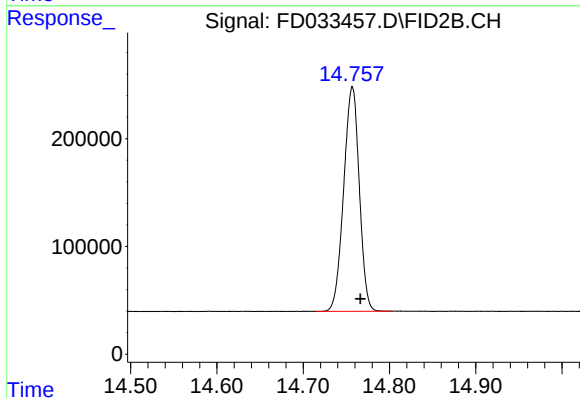
#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: -0.008 min
Response: 2281007
Conc: 20.48 ug/ml



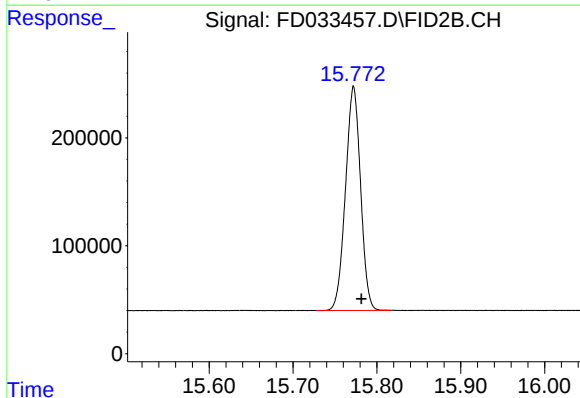
#13 n-Docosane (C22)

R.T.: 13.659 min
Delta R.T.: -0.009 min
Response: 2630574
Conc: 20.42 ug/ml



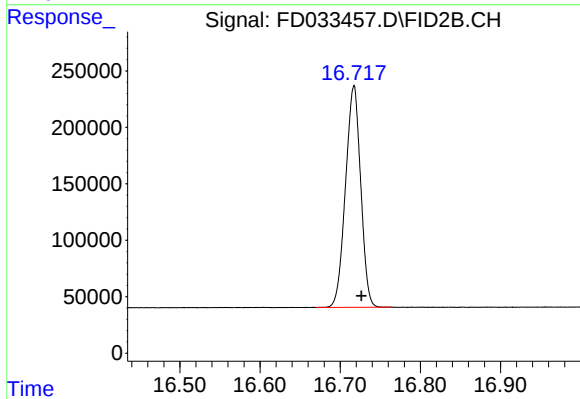
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.009 min
Response: 2619635
Conc: 20.42 ug/ml



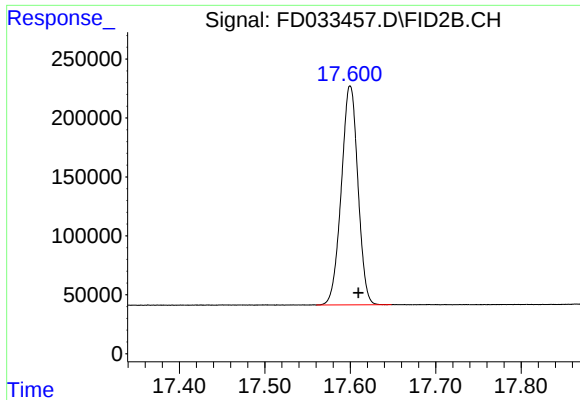
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: -0.009 min
Response: 2592282
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.717 min
Delta R.T.: -0.010 min
Response: 2580793
Conc: 20.40 ug/ml



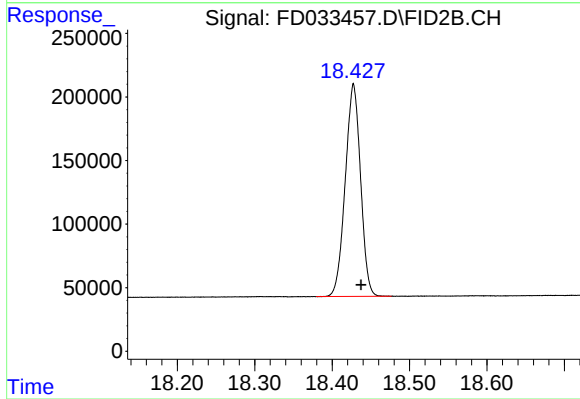
#17 n-Tricontane (C30)

R.T.: 17.600 min

Delta R.T.: -0.010 min

Response: 2507732

Conc: 20.35 ug/ml



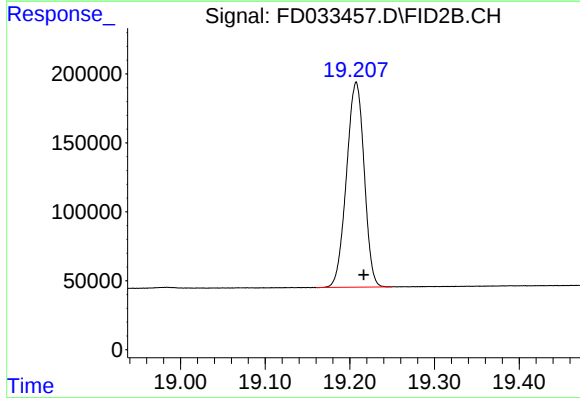
#18 n-Dotriacontane (C32)

R.T.: 18.428 min

Delta R.T.: -0.010 min

Response: 2297407

Conc: 20.35 ug/ml



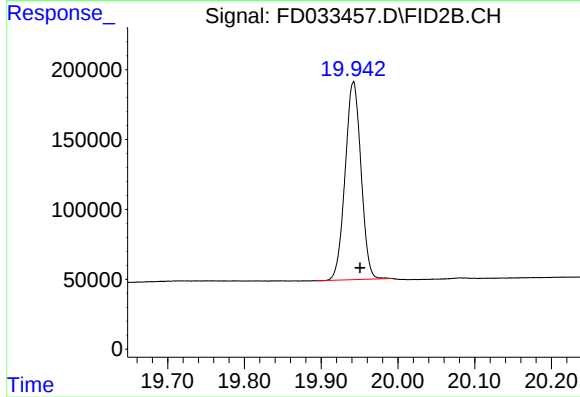
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min

Delta R.T.: -0.009 min

Response: 2159305

Conc: 20.41 ug/ml



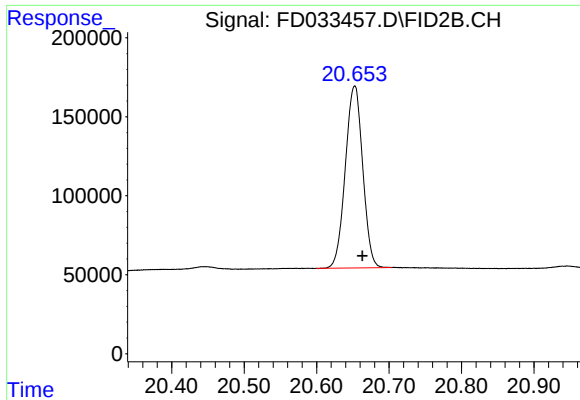
#20 n-Hexatriacontane (C36)

R.T.: 19.942 min

Delta R.T.: -0.008 min

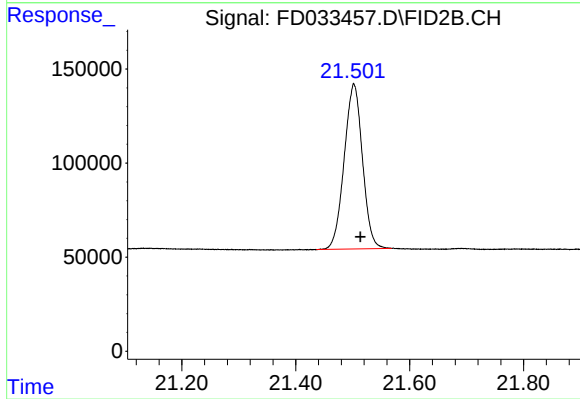
Response: 2034434

Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: -0.010 min
Response: 1919151
Conc: 20.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: -0.011 min
Response: 1951584
Conc: 21.02 ug/ml