

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040220.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 16:34
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:18:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:17:42 2021
 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)	10.726	8049027	49.947 ug/ml
Spiked Amount 50.000		Recovery =	99.89%
12) S 1-chlorooctadecane (S...	12.160	6245976	50.161 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T n-Nonane (C9)	2.642	6777010	49.764 ug/ml
2) T n-Decane (C10)	3.637	6841220	49.766 ug/ml
3) T A~Naphthalene (C11.7)	5.180	7631519	49.801 ug/ml
4) T n-Dodecane (C12)	5.614	6870286	49.864 ug/ml
5) T A~2-methylnaphthalene...	6.223	7702133	50.051 ug/ml
6) T n-Tetradecane (C14)	7.393	7069063	49.646 ug/ml
7) T n-Hexadecane (C16)	8.984	7098304	49.983 ug/ml
8) T n-Octadecane (C18)	10.419	7288388	49.778 ug/ml
10) T n-Eicosane (C20)	11.720	7222514	49.951 ug/ml
11) T n-Heneicosane (C21)	12.329	7296832	50.021 ug/ml
13) T n-Docosane (C22)	12.912	7229026	49.899 ug/ml
14) T n-Tetracosane (C24)	14.009	7242717	50.002 ug/ml
15) T n-Hexacosane (C26)	15.025	7090758	50.091 ug/ml
16) T n-Octacosane (C28)	15.970	7013868	50.204 ug/ml
17) T n-Tricontane (C30)	16.852	6785788	49.920 ug/ml
18) T n-Dotriacontane (C32)	17.683	6220414	49.971 ug/ml
19) T n-Tetratriacontane (C34)	18.462	5676611	50.514 ug/ml
20) T n-Hexatriacontane (C36)	19.198	5073052	51.200 ug/ml
21) T n-Octatriacontane (C38)	19.903	4561603	51.793 ug/ml
22) T n-Tetracontane (C40)	20.738	4141558	55.784 ug/ml

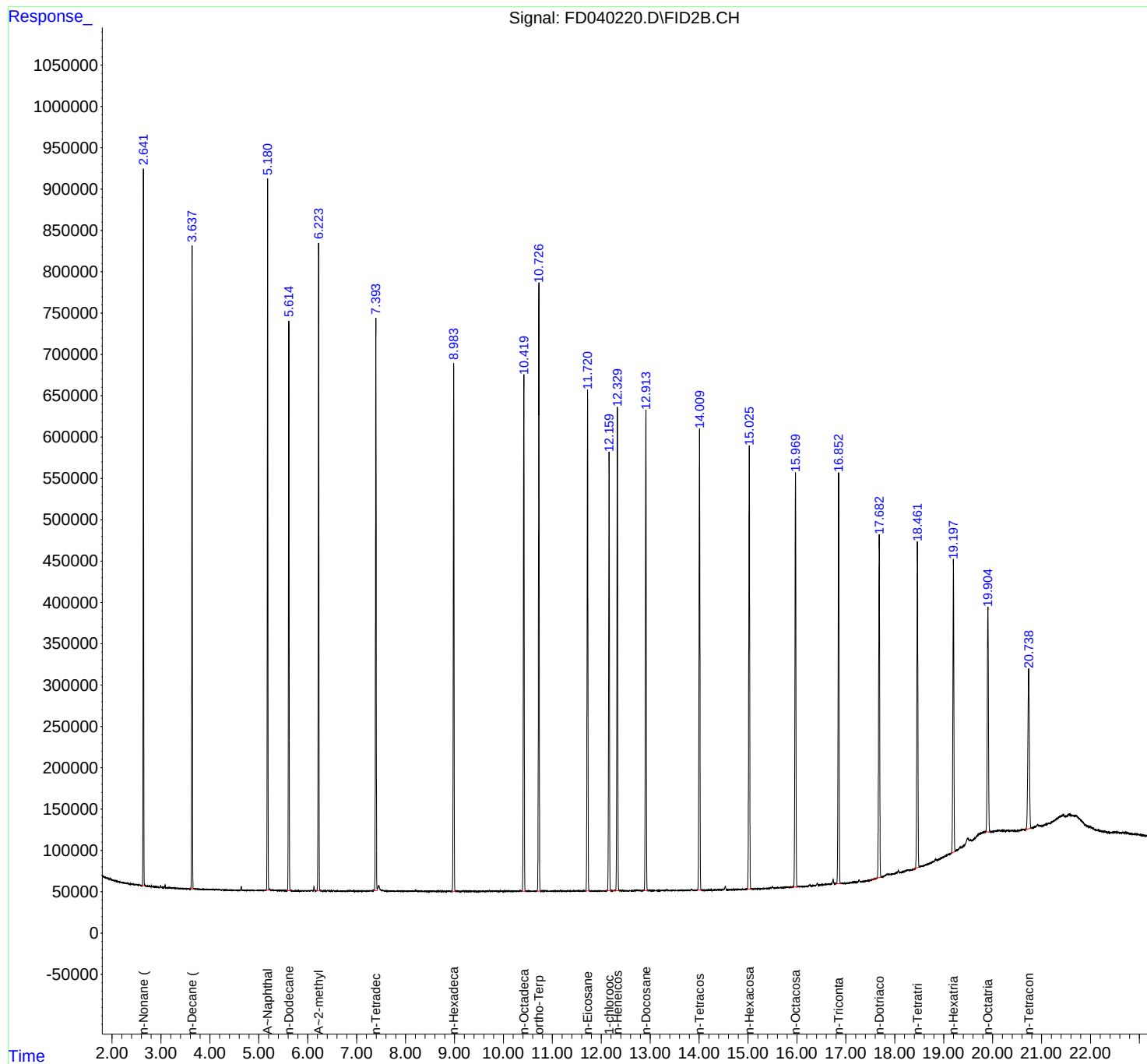
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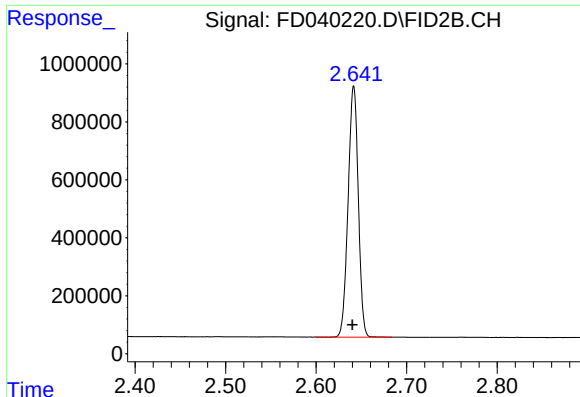
(m)=manual int.

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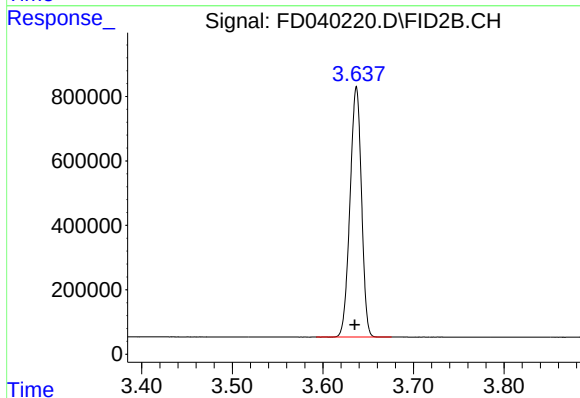
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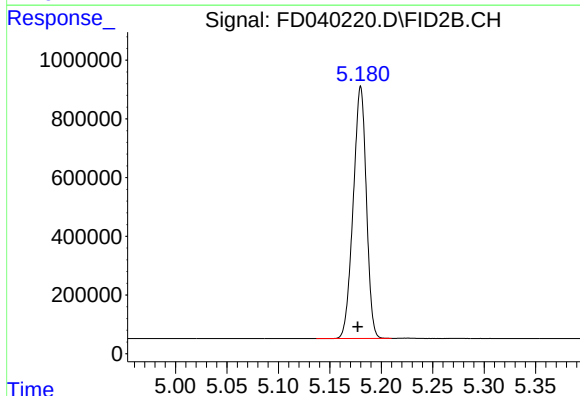
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.002 min
Response: 6777010
Conc: 49.76 ug/ml



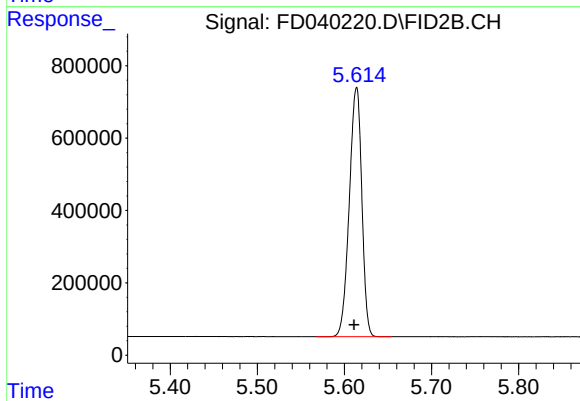
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: 0.002 min
Response: 6841220
Conc: 49.77 ug/ml



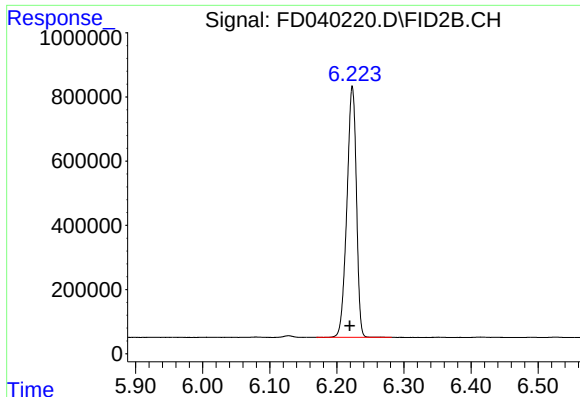
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: 0.003 min
Response: 7631519
Conc: 49.80 ug/ml



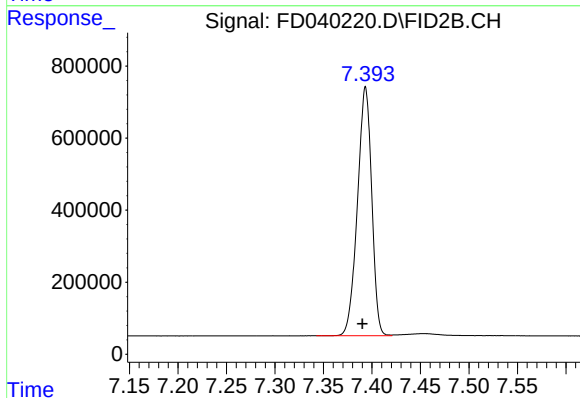
#4 n-Dodecane (C12)

R.T.: 5.614 min
Delta R.T.: 0.003 min
Response: 6870286
Conc: 49.86 ug/ml



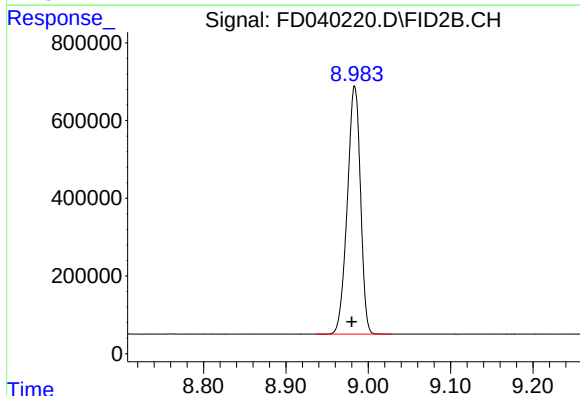
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.223 min
Delta R.T.: 0.004 min
Response: 7702133
Conc: 50.05 ug/ml



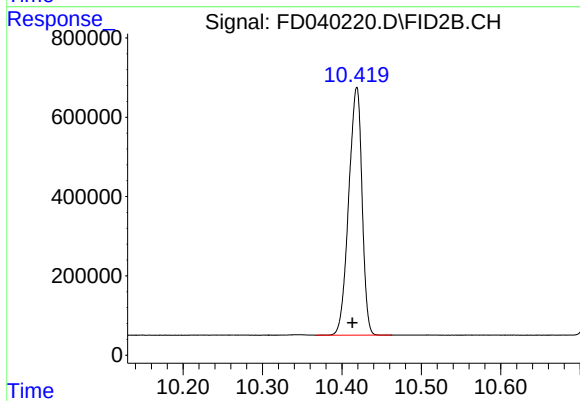
#6 n-Tetradecane (C14)

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 7069063
Conc: 49.65 ug/ml



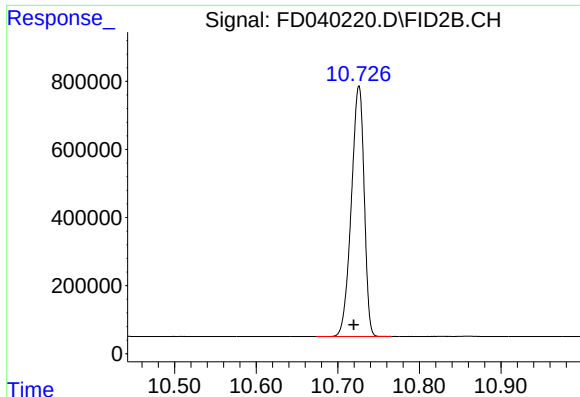
#7 n-Hexadecane (C16)

R.T.: 8.984 min
Delta R.T.: 0.004 min
Response: 7098304
Conc: 49.98 ug/ml



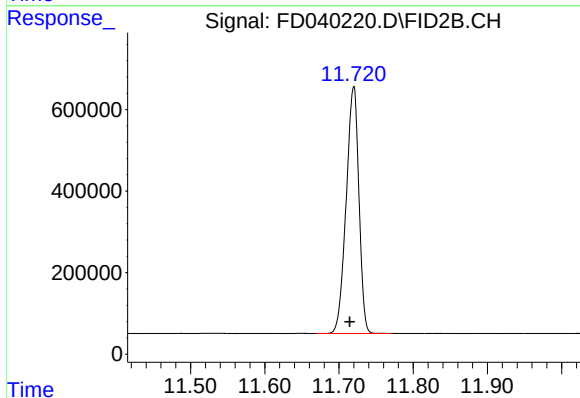
#8 n-Octadecane (C18)

R.T.: 10.419 min
Delta R.T.: 0.006 min
Response: 7288388
Conc: 49.78 ug/ml



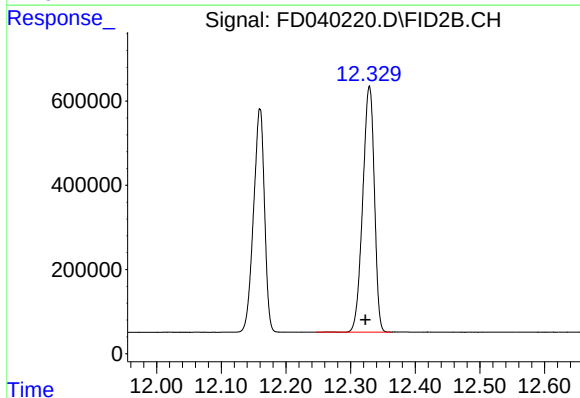
#9 ortho-Terphenyl (SURR)

R.T.: 10.726 min
Delta R.T.: 0.006 min
Response: 8049027
Conc: 49.95 ug/ml



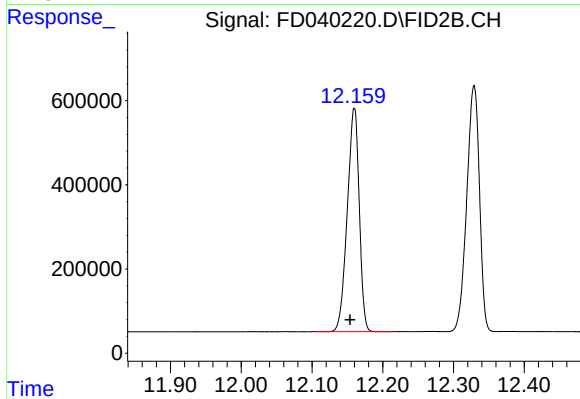
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: 0.005 min
Response: 7222514
Conc: 49.95 ug/ml



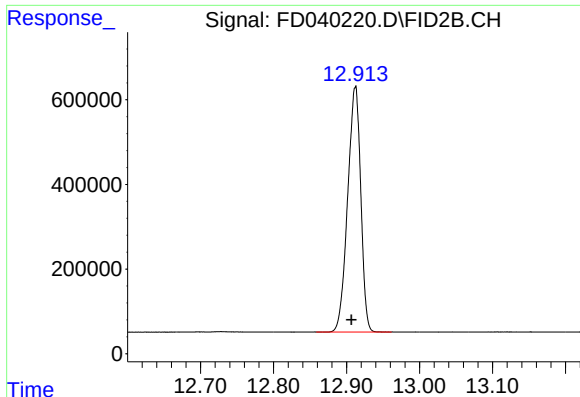
#11 n-Heneicosane (C21)

R.T.: 12.329 min
Delta R.T.: 0.006 min
Response: 7296832
Conc: 50.02 ug/ml



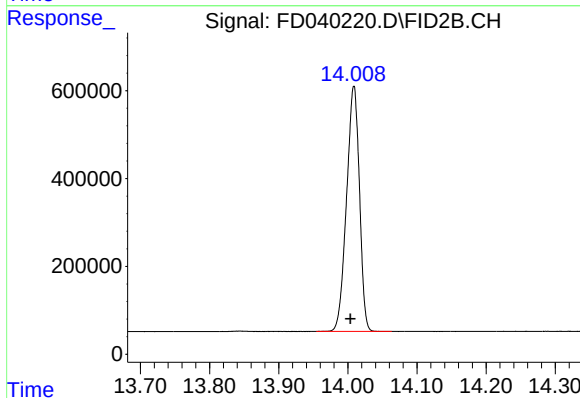
#12 1-chlorooctadecane (SURR)

R.T.: 12.160 min
Delta R.T.: 0.006 min
Response: 6245976
Conc: 50.16 ug/ml



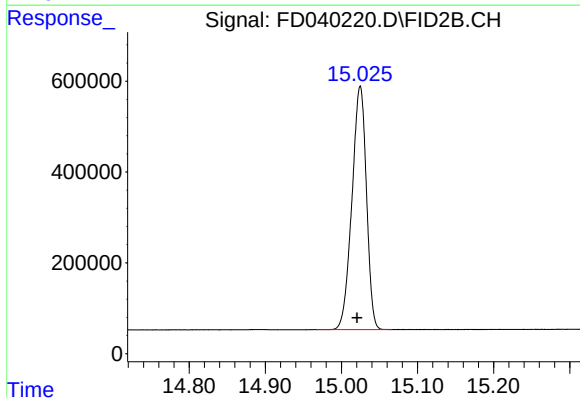
#13 n-Docosane (C22)

R.T.: 12.912 min
Delta R.T.: 0.005 min
Response: 7229026
Conc: 49.90 ug/ml



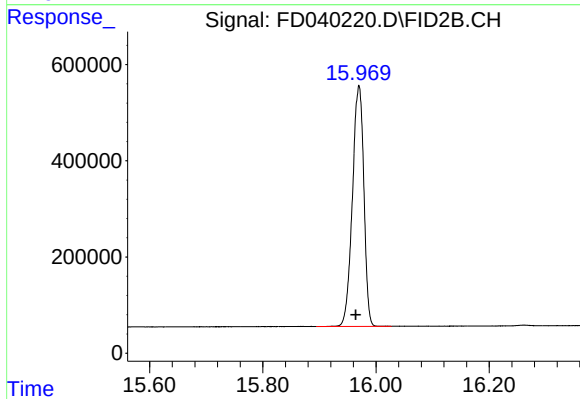
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: 0.005 min
Response: 7242717
Conc: 50.00 ug/ml



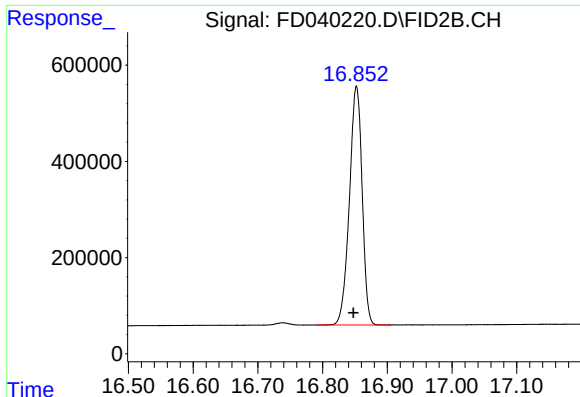
#15 n-Hexacosane (C26)

R.T.: 15.025 min
Delta R.T.: 0.004 min
Response: 7090758
Conc: 50.09 ug/ml



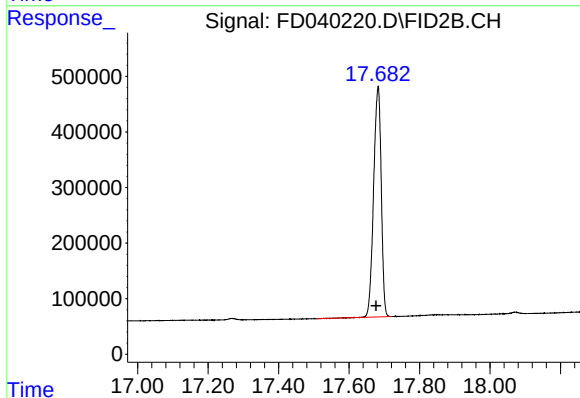
#16 n-Octacosane (C28)

R.T.: 15.970 min
Delta R.T.: 0.006 min
Response: 7013868
Conc: 50.20 ug/ml



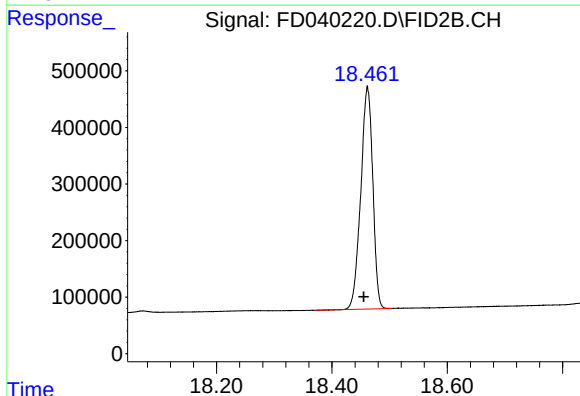
#17 n-Tricontane (C30)

R.T.: 16.852 min
Delta R.T.: 0.005 min
Response: 6785788
Conc: 49.92 ug/ml



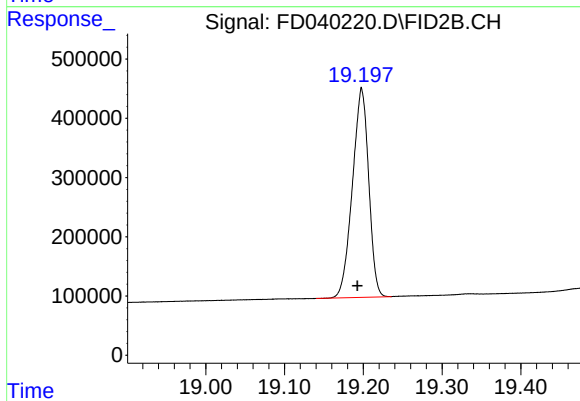
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: 0.006 min
Response: 6220414
Conc: 49.97 ug/ml



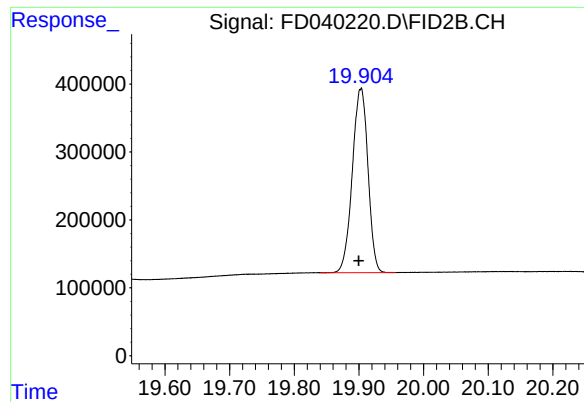
#19 n-Tetratriacontane (C34)

R.T.: 18.462 min
Delta R.T.: 0.007 min
Response: 5676611
Conc: 50.51 ug/ml



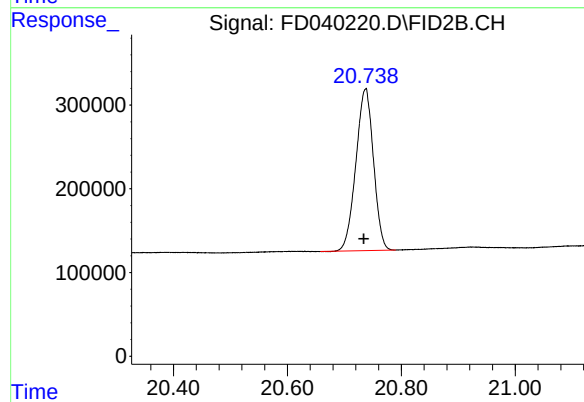
#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: 0.005 min
Response: 5073052
Conc: 51.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.903 min
Delta R.T.: 0.003 min
Response: 4561603
Conc: 51.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.738 min
Delta R.T.: 0.004 min
Response: 4141558
Conc: 55.78 ug/ml