

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071621AL\
 Data File : FD038243.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 14:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 02:05:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.416	2718838	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	12.850	2089284	18.325 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T n-Nonane (C9)	3.228	2564953	21.108 ug/ml
2) T n-Decane (C10)	4.285	2598101	21.242 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2862150	20.937 ug/ml
4) T n-Dodecane (C12)	6.291	2631636	21.129 ug/ml
5) T A~2-methylnaphthalene...	6.907	2859230	20.758 ug/ml
6) T n-Tetradecane (C14)	8.078	2684737	20.888 ug/ml
7) T n-Hexadecane (C16)	9.671	2670204	20.606 ug/ml
8) T n-Octadecane (C18)	11.106	2678215	19.887 ug/ml
10) T n-Eicosane (C20)	12.409	2568165	19.120 ug/ml
11) T n-Heneicosane (C21)	13.017	2535540	18.663 ug/ml
13) T n-Docosane (C22)	13.602	2498015	18.566 ug/ml
14) T n-Tetracosane (C24)	14.698	2483583	18.393 ug/ml
15) T n-Hexacosane (C26)	15.715	2352094	17.852 ug/ml
16) T n-Octacosane (C28)	16.660	2313590	17.744 ug/ml
17) T n-Tricontane (C30)	17.544	2283838	17.871 ug/ml
18) T n-Dotriacontane (C32)	18.371	2242277	18.223 ug/ml
19) T n-Tetratriacontane (C34)	19.152	2197101	18.762 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2102587	19.253 ug/ml
21) T n-Octatriacontane (C38)	20.593	2056639	20.420 ug/ml
22) T n-Tetracontane (C40)	21.422	2100063	21.472 ug/ml

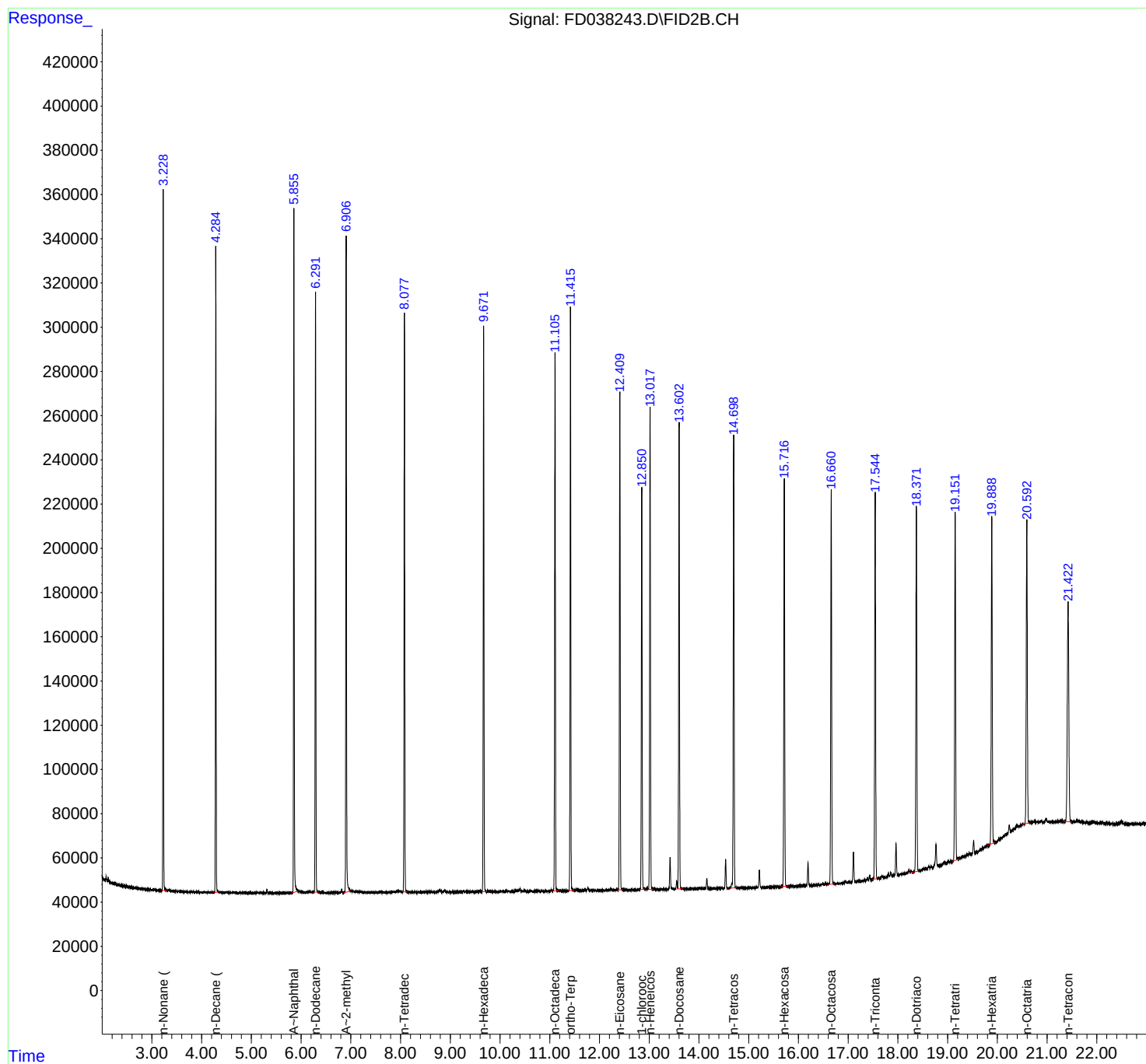
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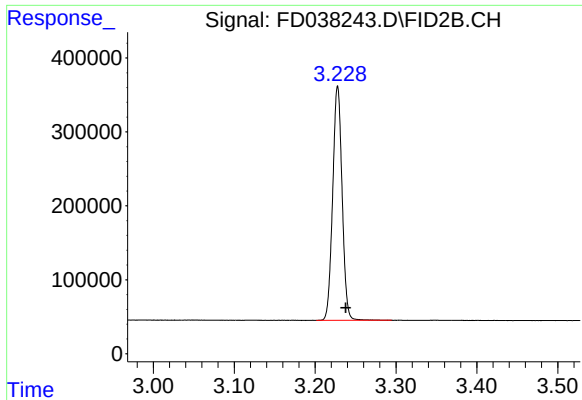
(m)=manual int.

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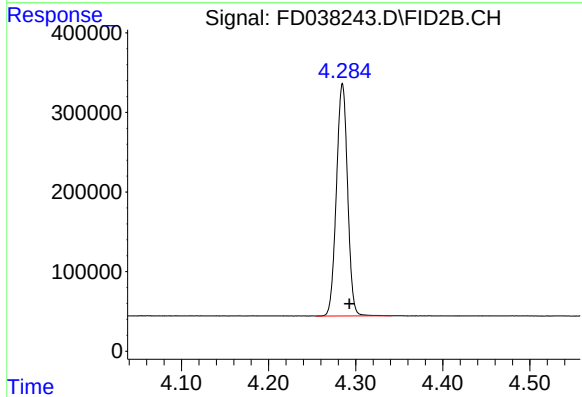
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Signal Info : 20M x 0.18mm x 0.18um





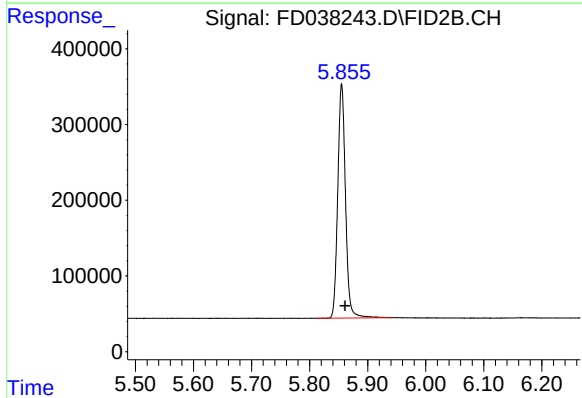
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.010 min
Response: 2564953
Conc: 21.11 ug/ml



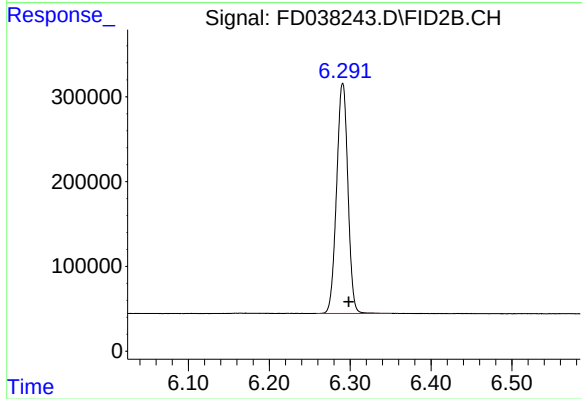
#2 n-Decane (C10)

R.T.: 4.285 min
Delta R.T.: -0.008 min
Response: 2598101
Conc: 21.24 ug/ml



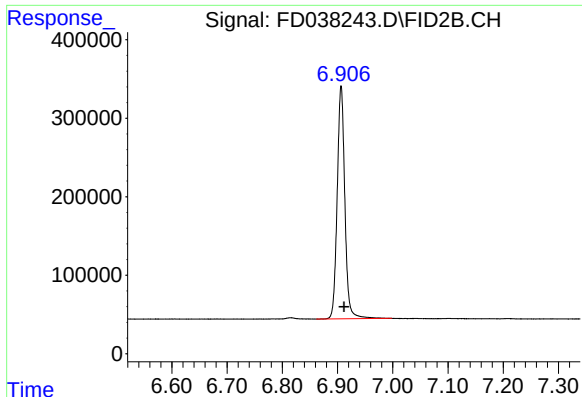
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.006 min
Response: 2862150
Conc: 20.94 ug/ml



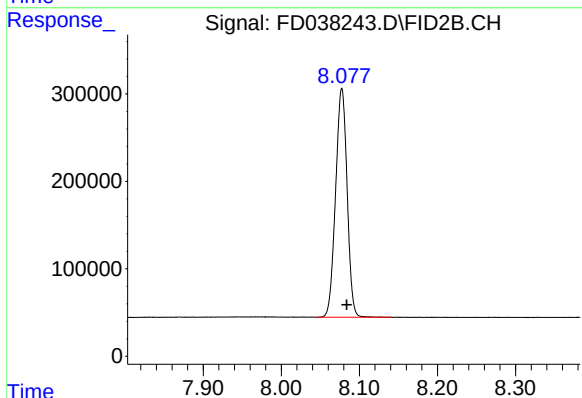
#4 n-Dodecane (C12)

R.T.: 6.291 min
Delta R.T.: -0.007 min
Response: 2631636
Conc: 21.13 ug/ml



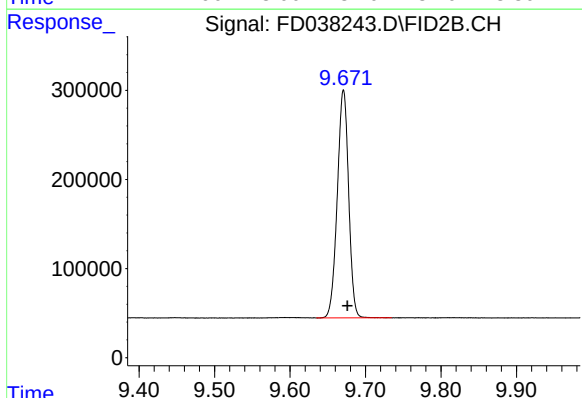
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.005 min
Response: 2859230
Conc: 20.76 ug/ml



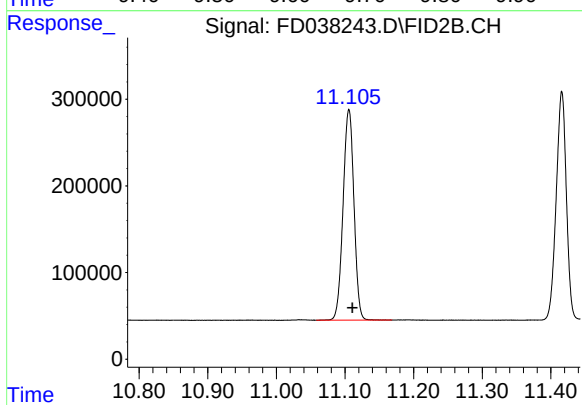
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: -0.006 min
Response: 2684737
Conc: 20.89 ug/ml



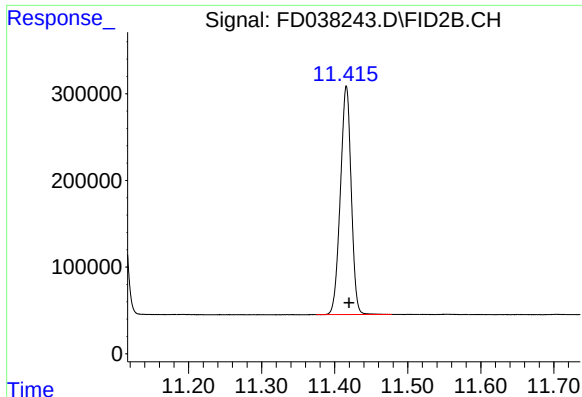
#7 n-Hexadecane (C16)

R.T.: 9.671 min
Delta R.T.: -0.005 min
Response: 2670204
Conc: 20.61 ug/ml



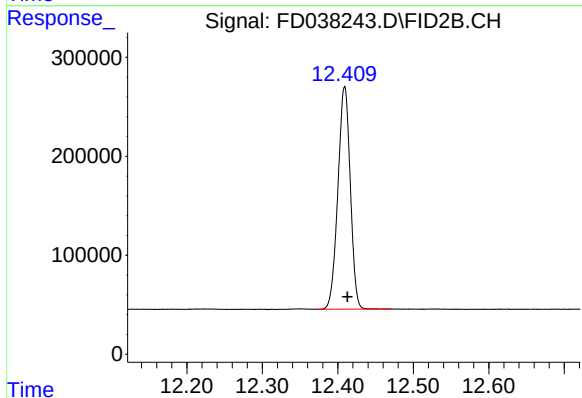
#8 n-Octadecane (C18)

R.T.: 11.106 min
Delta R.T.: -0.005 min
Response: 2678215
Conc: 19.89 ug/ml



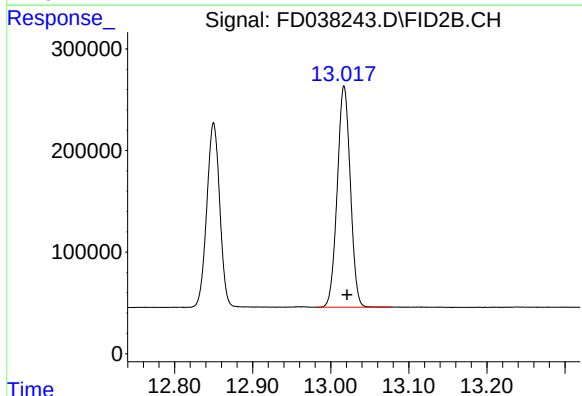
#9 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.004 min
Response: 2718838
Conc: 18.81 ug/ml



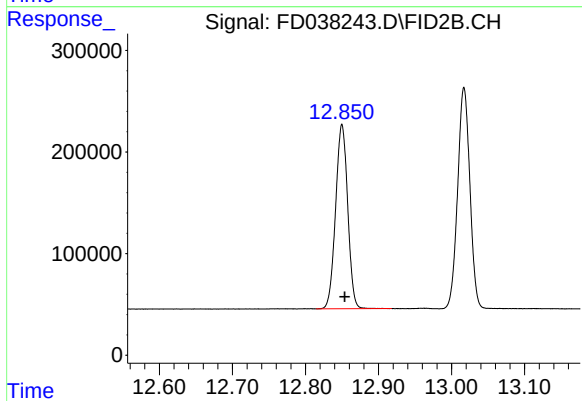
#10 n-Eicosane (C20)

R.T.: 12.409 min
Delta R.T.: -0.004 min
Response: 2568165
Conc: 19.12 ug/ml



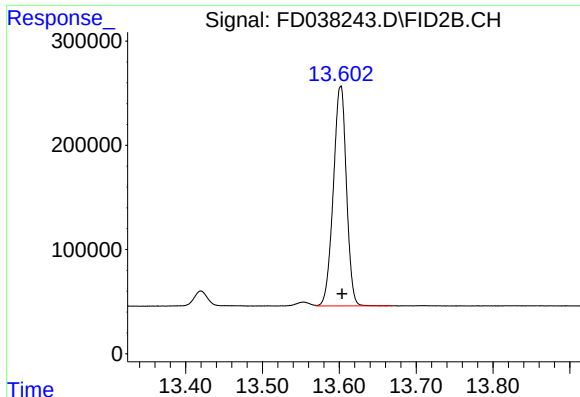
#11 n-Heneicosane (C21)

R.T.: 13.017 min
Delta R.T.: -0.004 min
Response: 2535540
Conc: 18.66 ug/ml



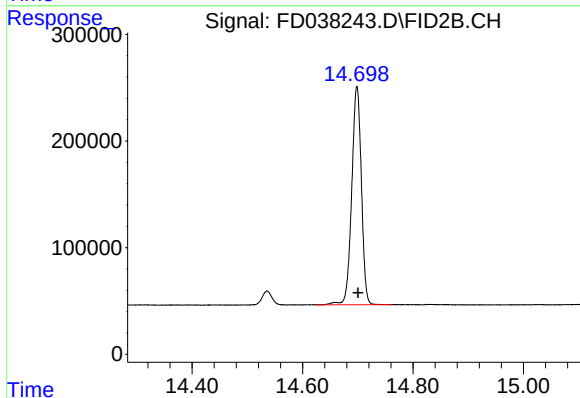
#12 1-chlorooctadecane (SURR)

R.T.: 12.850 min
Delta R.T.: -0.004 min
Response: 2089284
Conc: 18.33 ug/ml



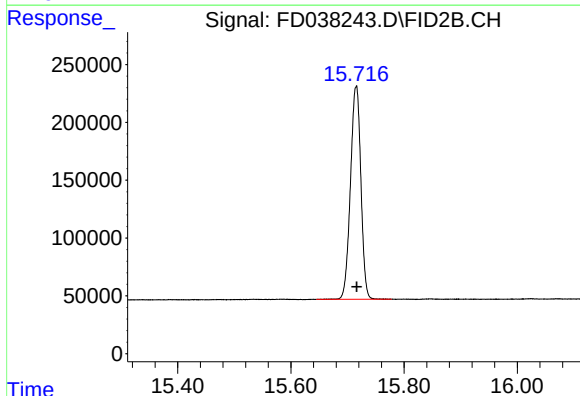
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.002 min
Response: 2498015
Conc: 18.57 ug/ml



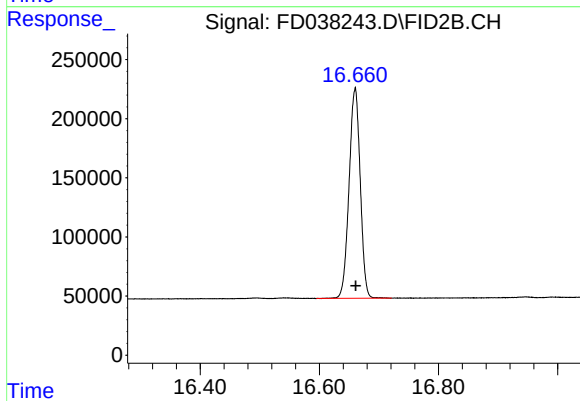
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: -0.002 min
Response: 2483583
Conc: 18.39 ug/ml



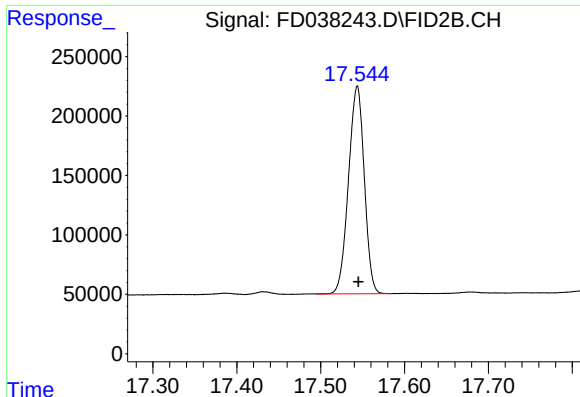
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: -0.001 min
Response: 2352094
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.660 min
Delta R.T.: -0.001 min
Response: 2313590
Conc: 17.74 ug/ml



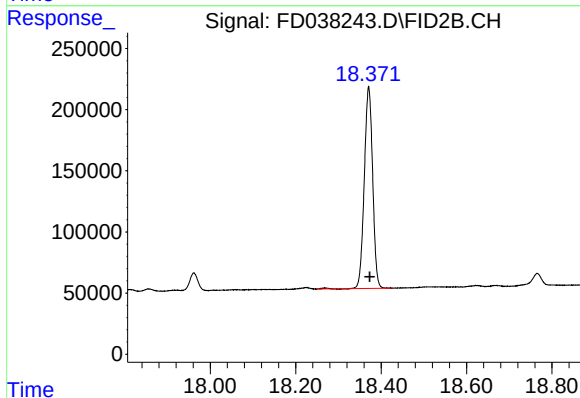
#17 n-Tricontane (C30)

R.T.: 17.544 min

Delta R.T.: -0.002 min

Response: 2283838

Conc: 17.87 ug/ml



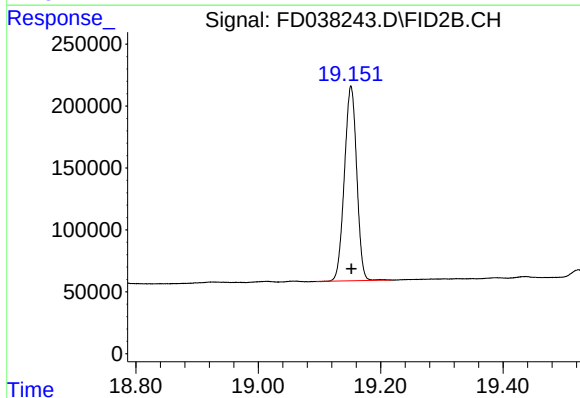
#18 n-Dotriacontane (C32)

R.T.: 18.371 min

Delta R.T.: -0.002 min

Response: 2242277

Conc: 18.22 ug/ml



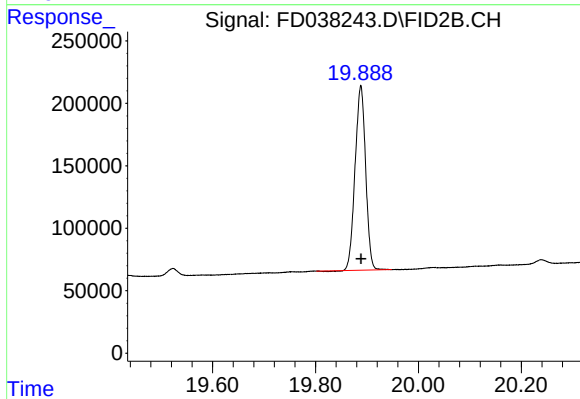
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min

Delta R.T.: 0.000 min

Response: 2197101

Conc: 18.76 ug/ml



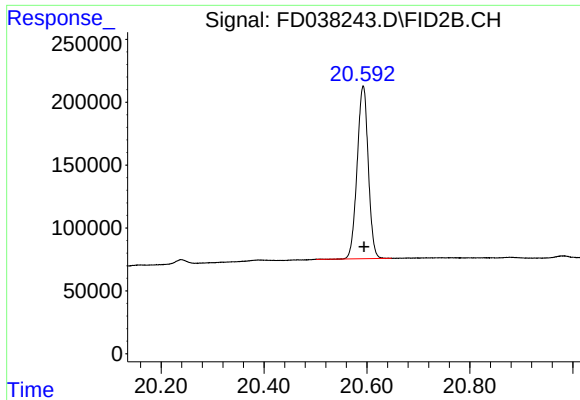
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min

Delta R.T.: 0.000 min

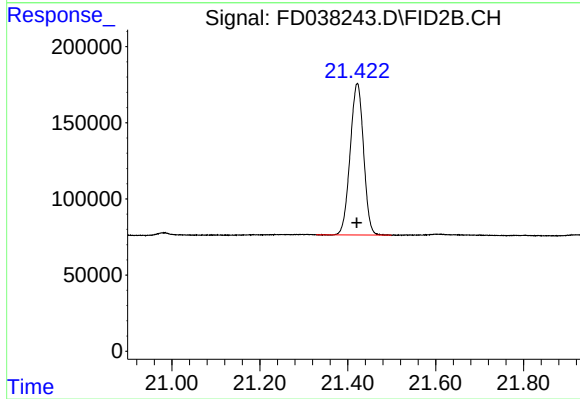
Response: 2102587

Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.002 min
Response: 2056639
Conc: 20.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.422 min
Delta R.T.: 0.001 min
Response: 2100063
Conc: 21.47 ug/ml