

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042922AL\
 Data File : FD042218.D
 Signal(s) : FID2B.CH
 Acq On : 30 Apr 2022 3:54
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 30 05:53:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.208	3125340	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	12.648	2390647	18.117 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
Target Compounds			
1) T n-Nonane (C9)	3.078	2828924	20.755 ug/ml
2) T n-Decane (C10)	4.122	2847778	21.250 ug/ml
3) T A~Naphthalene (C11.7)	5.673	3018271	20.822 ug/ml
4) T n-Dodecane (C12)	6.117	2927020	20.560 ug/ml
5) T A~2-methylnaphthalene...	6.719	3006806	21.577 ug/ml
6) T n-Tetradecane (C14)	7.894	2922460	20.516 ug/ml
7) T n-Hexadecane (C16)	9.481	2915130	20.060 ug/ml
8) T n-Octadecane (C18)	10.911	2905981	19.389 ug/ml
10) T n-Eicosane (C20)	12.210	2836790	18.534 ug/ml
11) T n-Heneicosane (C21)	12.818	2785073	18.065 ug/ml
13) T n-Docosane (C22)	13.400	2862670	18.571 ug/ml
14) T n-Tetracosane (C24)	14.496	2929504	18.942 ug/ml
15) T n-Hexacosane (C26)	15.511	2953845	19.204 ug/ml
16) T n-Octacosane (C28)	16.454	3062869	20.033 ug/ml
17) T n-Tricontane (C30)	17.337	3108925	20.727 ug/ml
18) T n-Dotriacontane (C32)	18.166	2943306	20.816 ug/ml
19) T n-Tetratriacontane (C34)	18.945	2592240	20.143 ug/ml
20) T n-Hexatriacontane (C36)	19.680	2304941	20.369 ug/ml
21) T n-Octatriacontane (C38)	20.377	2134369	21.392 ug/mlm
22) T n-Tetracontane (C40)	21.150	2022181	22.419 ug/ml

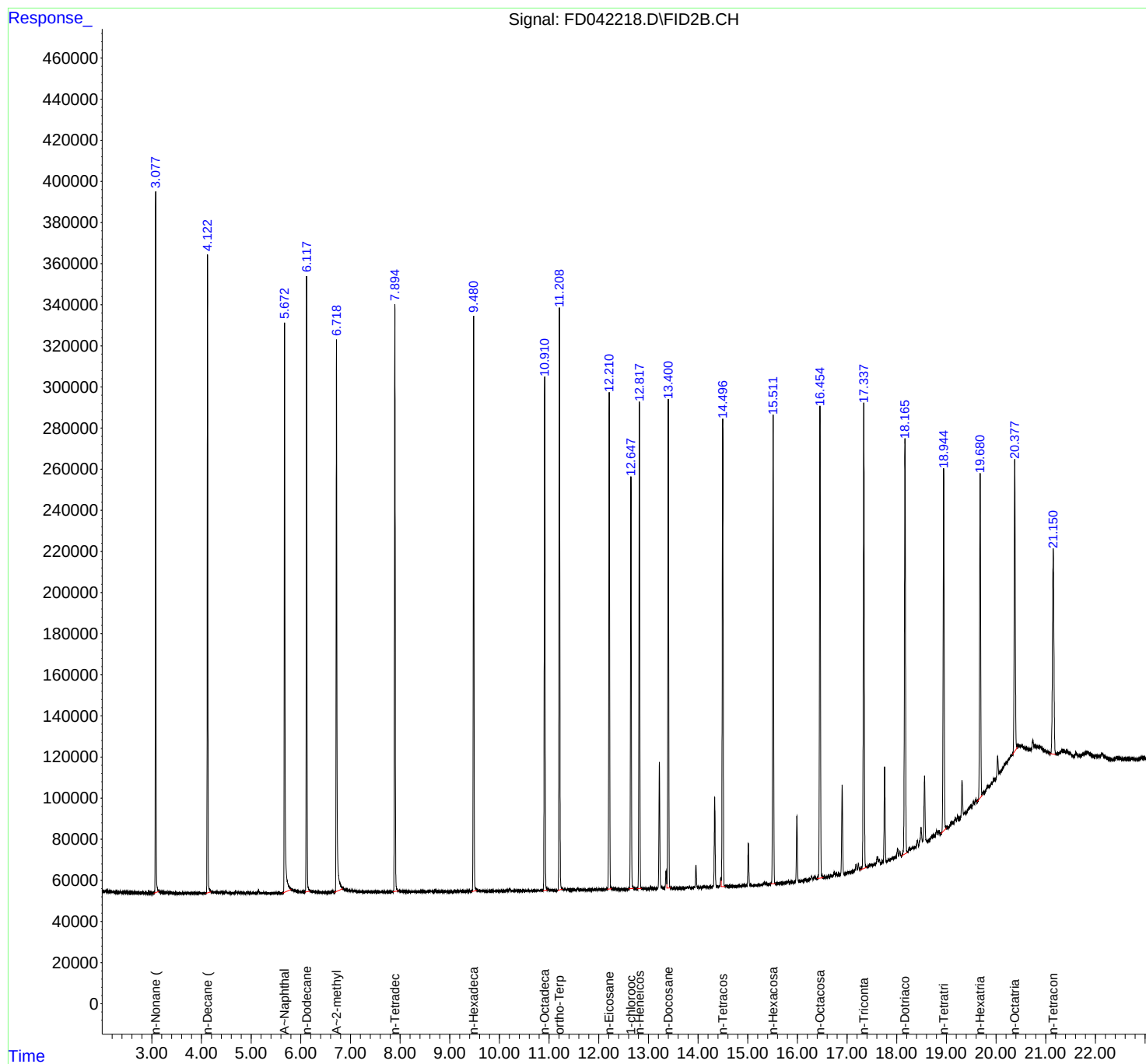
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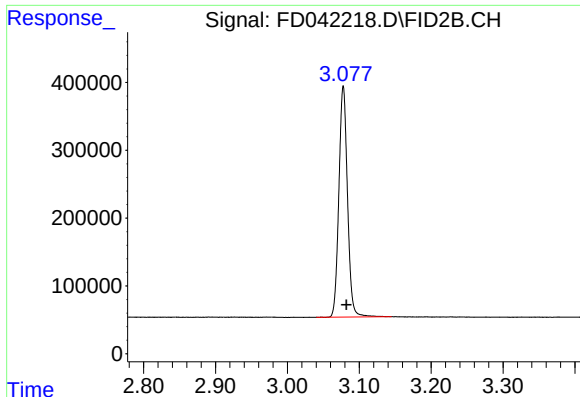
(m)=manual int.

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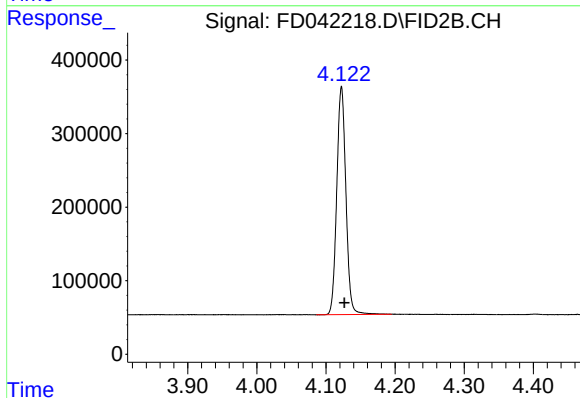
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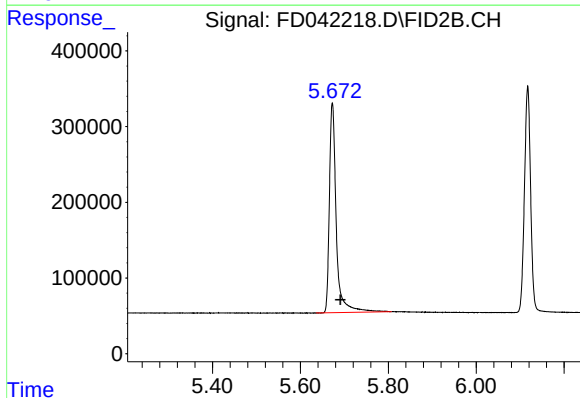
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 2828924
Conc: 20.75 ug/ml



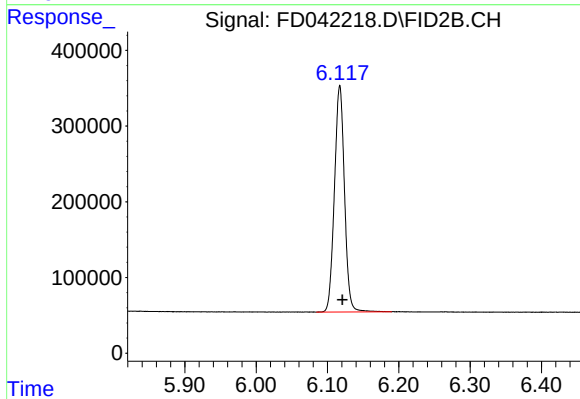
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.004 min
Response: 2847778
Conc: 21.25 ug/ml



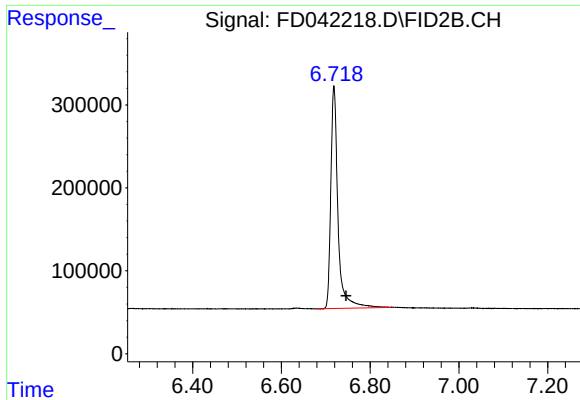
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 3018271
Conc: 20.82 ug/ml



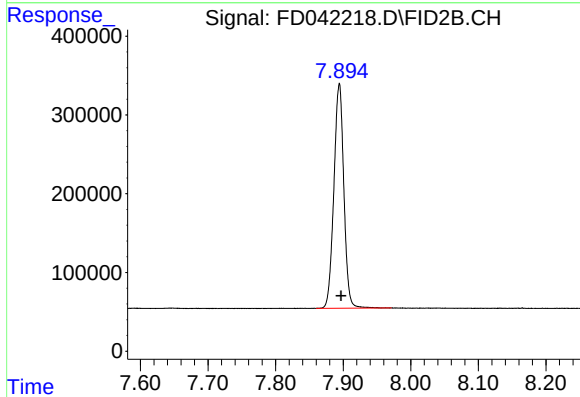
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 2927020
Conc: 20.56 ug/ml



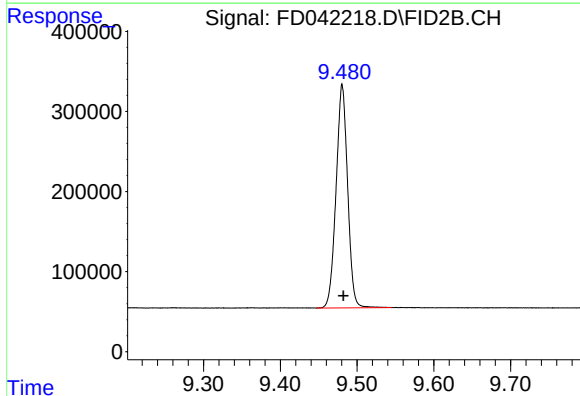
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.028 min
Response: 3006806
Conc: 21.58 ug/ml



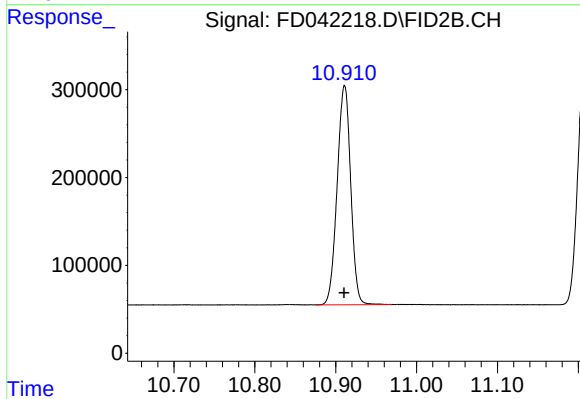
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 2922460
Conc: 20.52 ug/ml



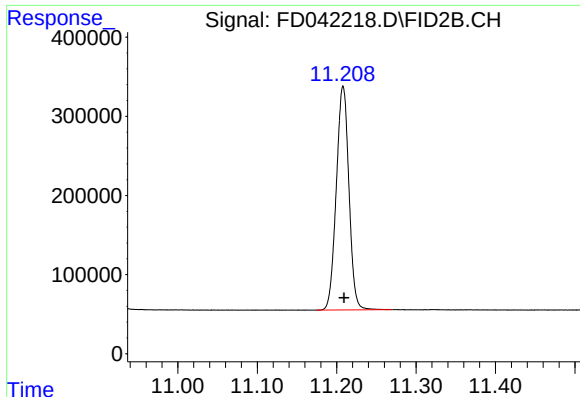
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: -0.001 min
Response: 2915130
Conc: 20.06 ug/ml



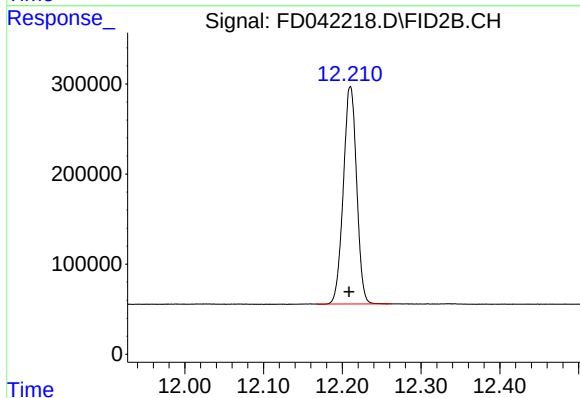
#8 n-Octadecane (C18)

R.T.: 10.911 min
Delta R.T.: 0.000 min
Response: 2905981
Conc: 19.39 ug/ml



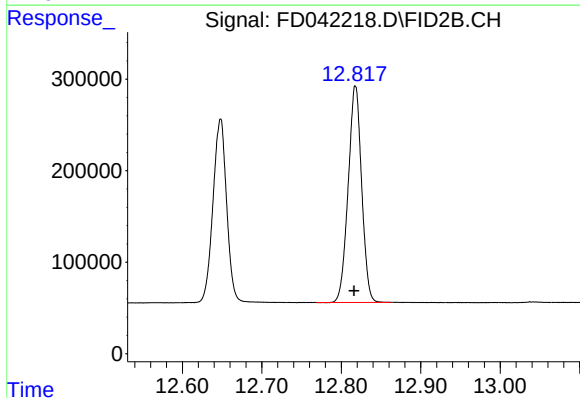
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 3125340
Conc: 18.64 ug/ml



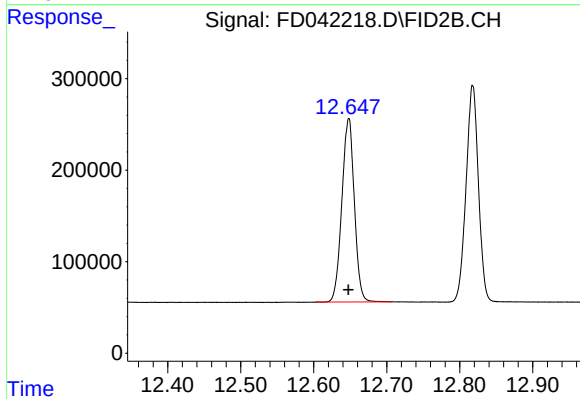
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.002 min
Response: 2836790
Conc: 18.53 ug/ml



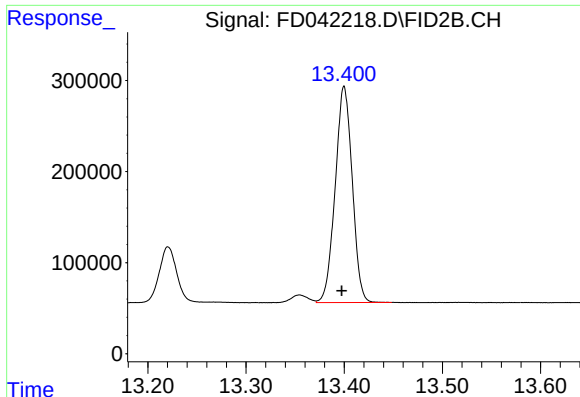
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 2785073
Conc: 18.07 ug/ml



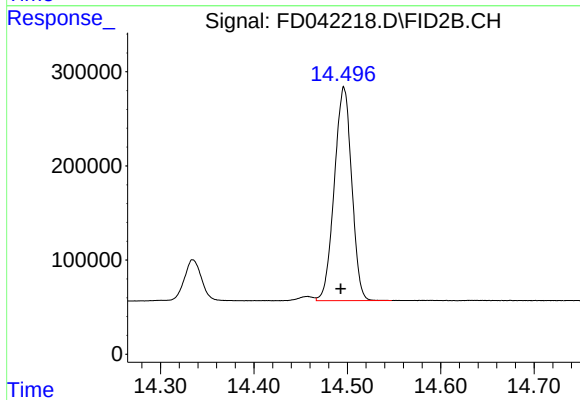
#12 1-chlorooctadecane (SURR)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 2390647
Conc: 18.12 ug/ml



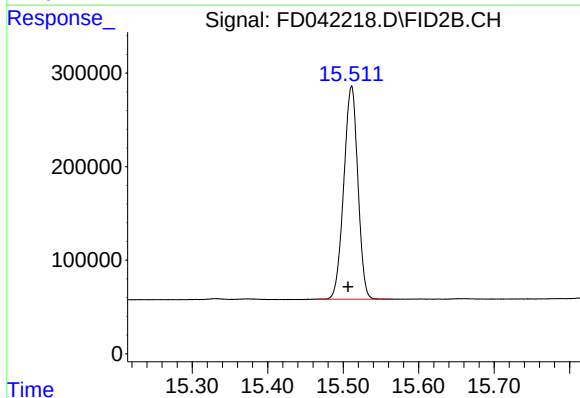
#13 n-Docosane (C22)

R.T.: 13.400 min
Delta R.T.: 0.002 min
Response: 2862670
Conc: 18.57 ug/ml



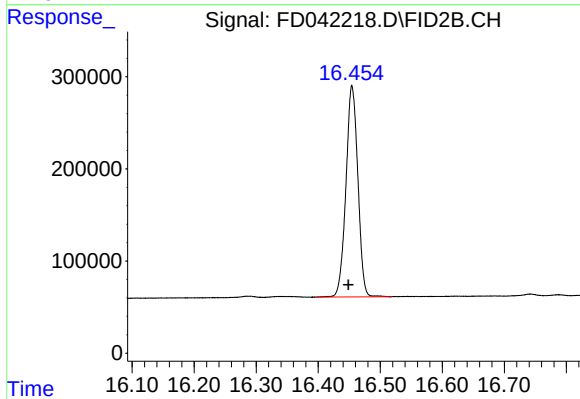
#14 n-Tetracosane (C24)

R.T.: 14.496 min
Delta R.T.: 0.003 min
Response: 2929504
Conc: 18.94 ug/ml



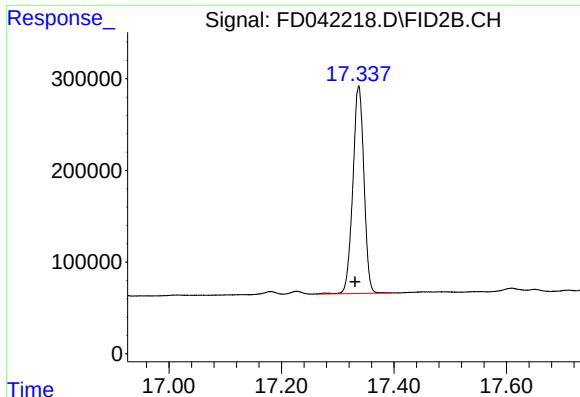
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.005 min
Response: 2953845
Conc: 19.20 ug/ml



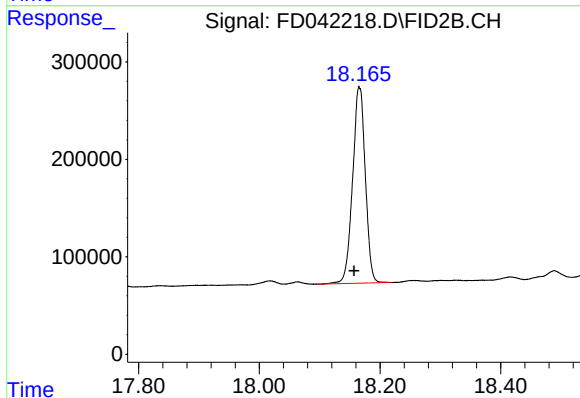
#16 n-Octacosane (C28)

R.T.: 16.454 min
Delta R.T.: 0.006 min
Response: 3062869
Conc: 20.03 ug/ml



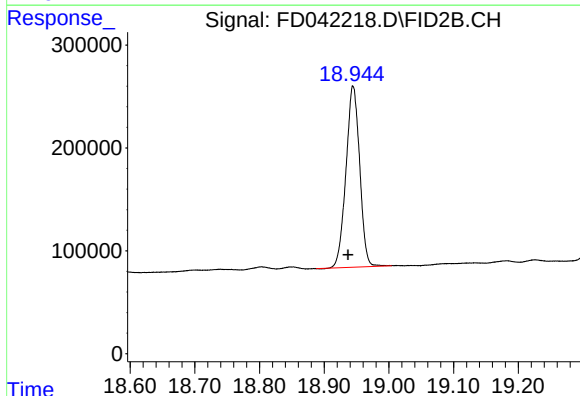
#17 n-Tricontane (C30)

R.T.: 17.337 min
Delta R.T.: 0.007 min
Response: 3108925
Conc: 20.73 ug/ml



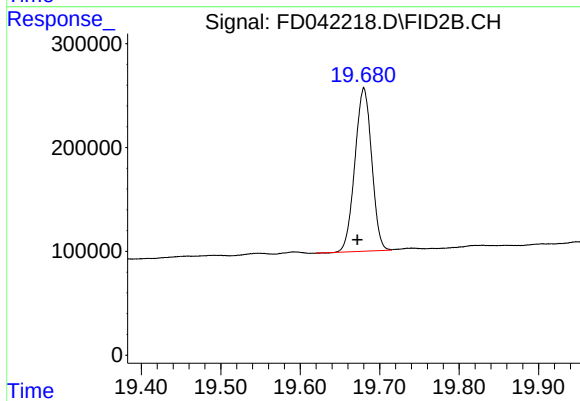
#18 n-Dotriacontane (C32)

R.T.: 18.166 min
Delta R.T.: 0.008 min
Response: 2943306
Conc: 20.82 ug/ml



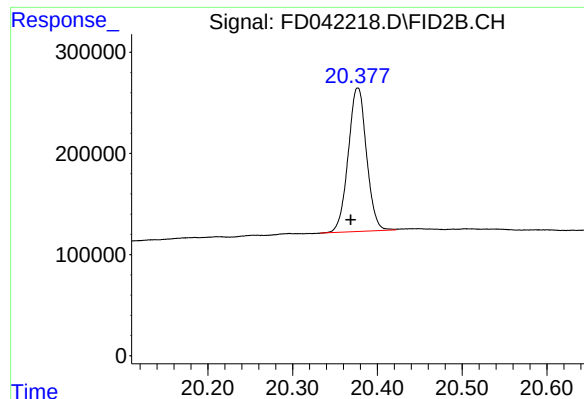
#19 n-Tetratriacontane (C34)

R.T.: 18.945 min
Delta R.T.: 0.008 min
Response: 2592240
Conc: 20.14 ug/ml



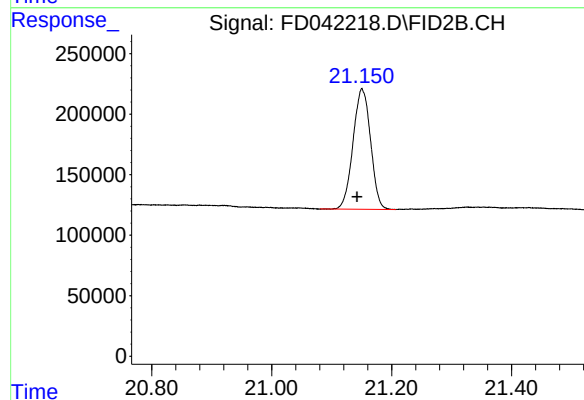
#20 n-Hexatriacontane (C36)

R.T.: 19.680 min
Delta R.T.: 0.008 min
Response: 2304941
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: 0.008 min
Response: 2134369
Conc: 21.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: 0.008 min
Response: 2022181
Conc: 22.42 ug/ml