

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051221AL\
 Data File : FD037474.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2021 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 13 02:00:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.459	2444940	20.939 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	12.894	1784065	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T n-Nonane (C9)	3.263	2532614	21.494 ug/ml
2) T n-Decane (C10)	4.324	2564824	21.627 ug/ml
3) T A~Naphthalene (C11.7)	5.895	2790998	21.268 ug/ml
4) T n-Dodecane (C12)	6.332	2576916	21.700 ug/ml
5) T A~2-methylnaphthalene...	6.947	2766123	21.095 ug/ml
6) T n-Tetradecane (C14)	8.119	2516850	21.743 ug/ml
7) T n-Hexadecane (C16)	9.713	2381633	21.663 ug/ml
8) T n-Octadecane (C18)	11.150	2364593	21.566 ug/ml
10) T n-Eicosane (C20)	12.453	2260805	21.313 ug/ml
11) T n-Heneicosane (C21)	13.063	2209118	21.027 ug/ml
13) T n-Docosane (C22)	13.646	2199937	21.400 ug/ml
14) T n-Tetracosane (C24)	14.744	2224486	21.961 ug/ml
15) T n-Hexacosane (C26)	15.759	2201511	22.540 ug/ml
16) T n-Octacosane (C28)	16.704	2230746	23.207 ug/ml
17) T n-Tricontane (C30)	17.587	2268415	23.588 ug/ml
18) T n-Dotriacontane (C32)	18.415	2242729	22.803 ug/ml
19) T n-Tetratriacontane (C34)	19.195	2163417	22.793 ug/ml
20) T n-Hexatriacontane (C36)	19.928	2047126	21.737 ug/ml
21) T n-Octatriacontane (C38)	20.638	1899985	22.069 ug/ml
22) T n-Tetracontane (C40)	21.481	1911971	19.927 ug/ml

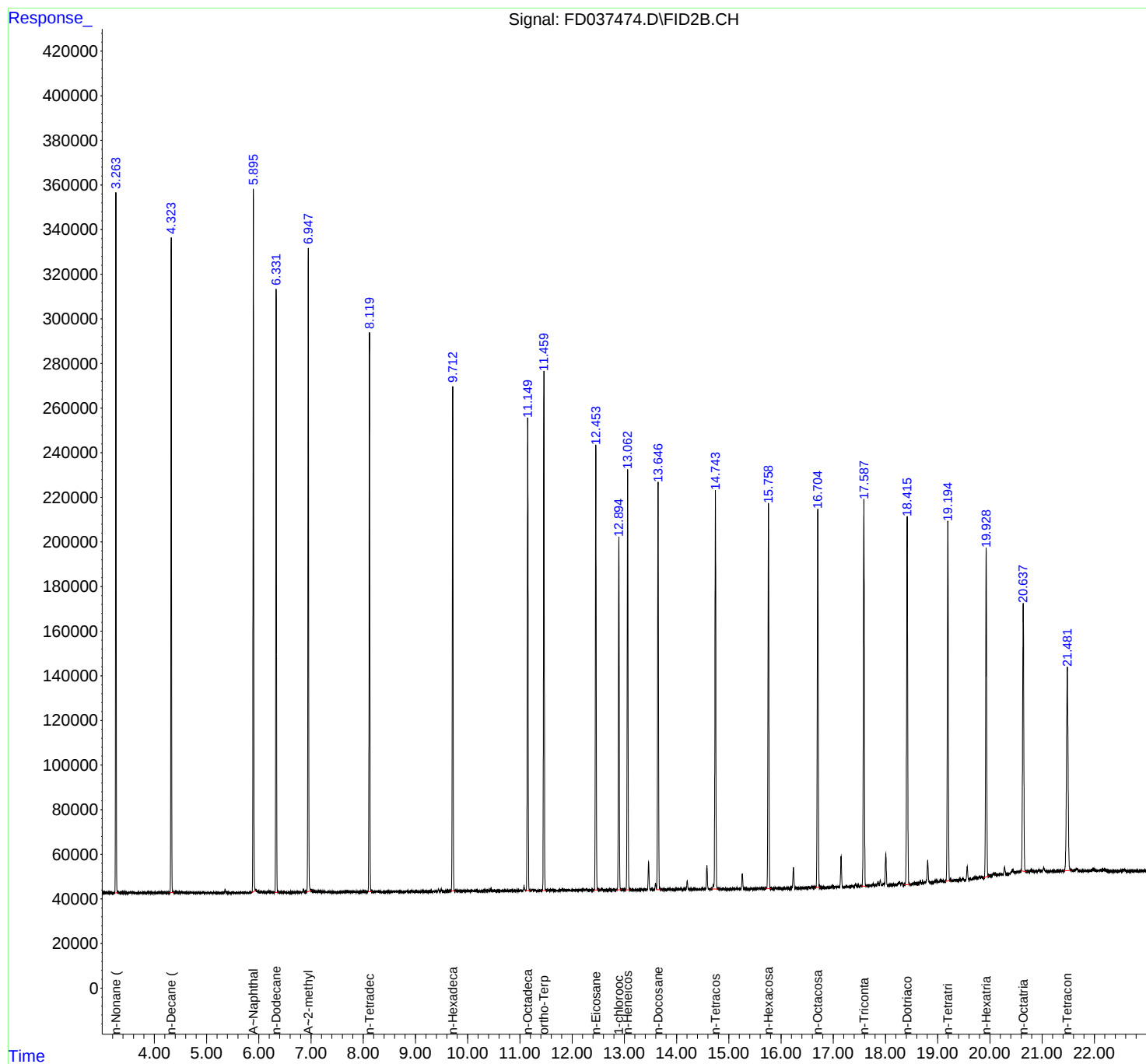
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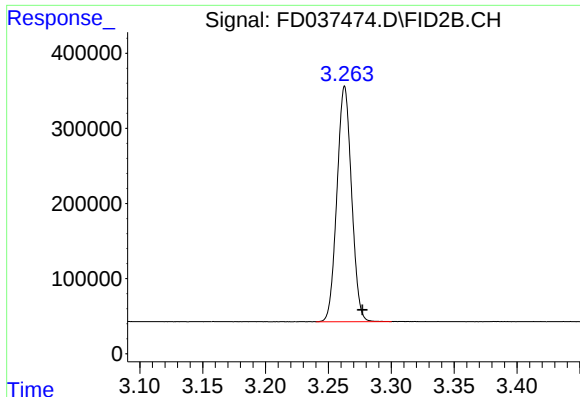
(m)=manual int.

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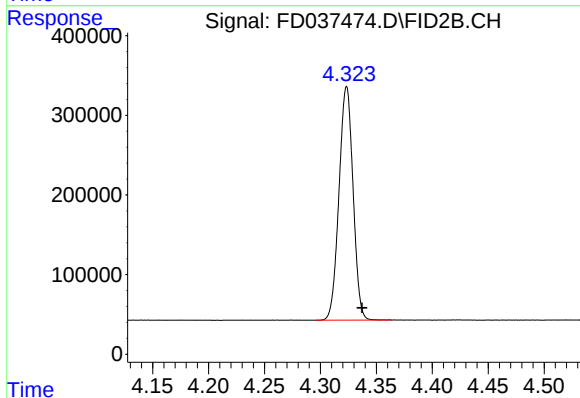
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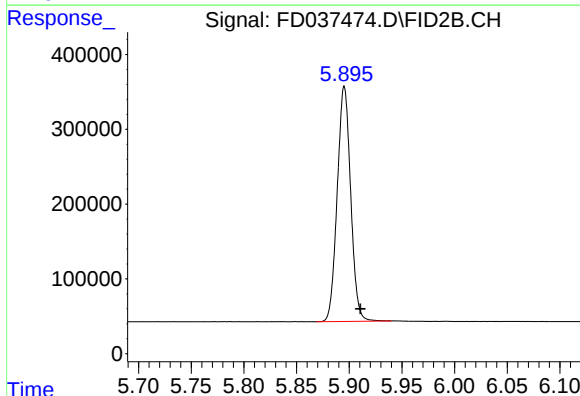
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: -0.014 min
Response: 2532614
Conc: 21.49 ug/ml



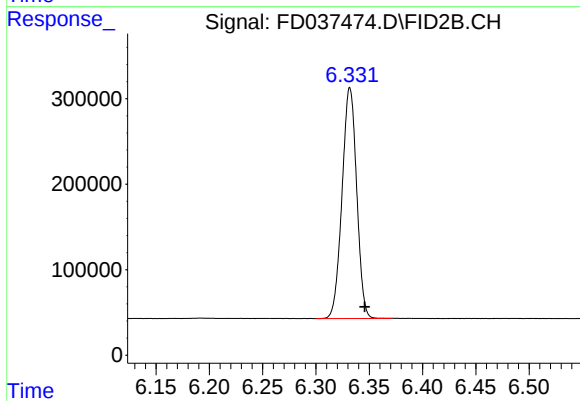
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.014 min
Response: 2564824
Conc: 21.63 ug/ml



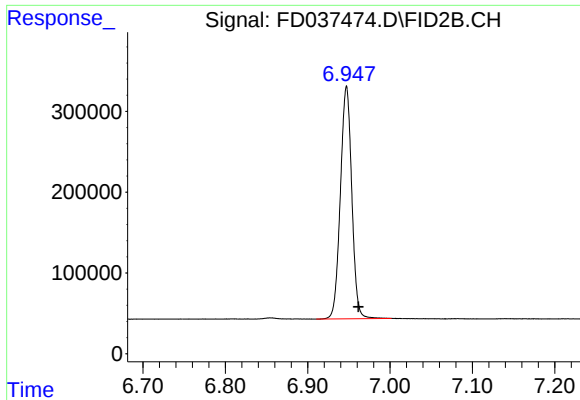
#3 A~Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.015 min
Response: 2790998
Conc: 21.27 ug/ml



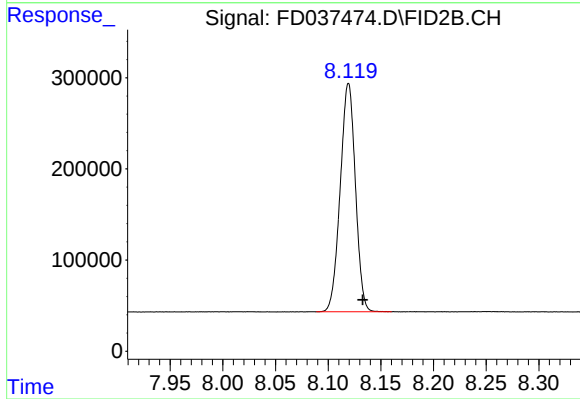
#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.014 min
Response: 2576916
Conc: 21.70 ug/ml



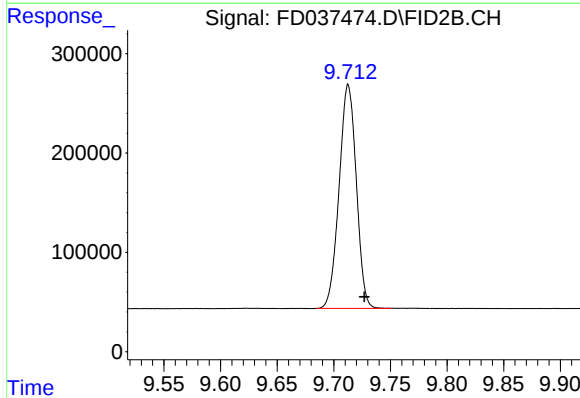
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.014 min
Response: 2766123
Conc: 21.10 ug/ml



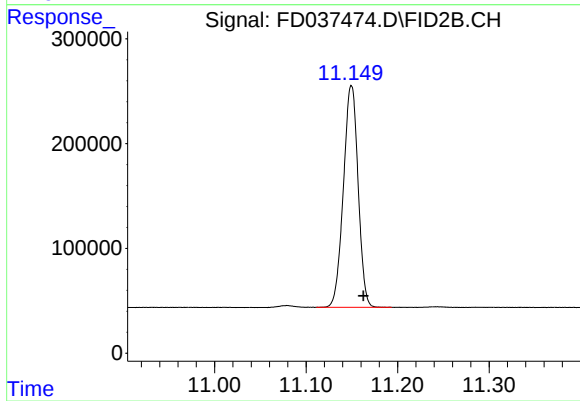
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: -0.013 min
Response: 2516850
Conc: 21.74 ug/ml



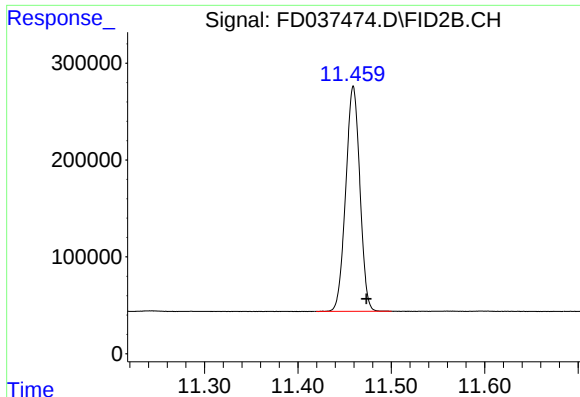
#7 n-Hexadecane (C16)

R.T.: 9.713 min
Delta R.T.: -0.014 min
Response: 2381633
Conc: 21.66 ug/ml



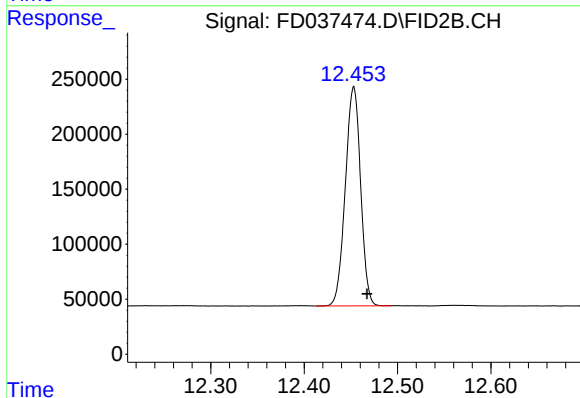
#8 n-Octadecane (C18)

R.T.: 11.150 min
Delta R.T.: -0.013 min
Response: 2364593
Conc: 21.57 ug/ml



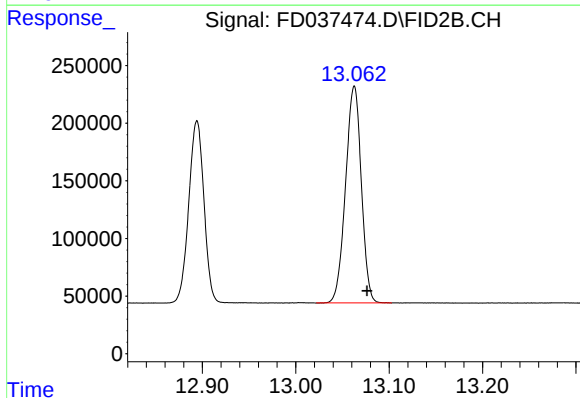
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.014 min
Response: 2444940
Conc: 20.94 ug/ml



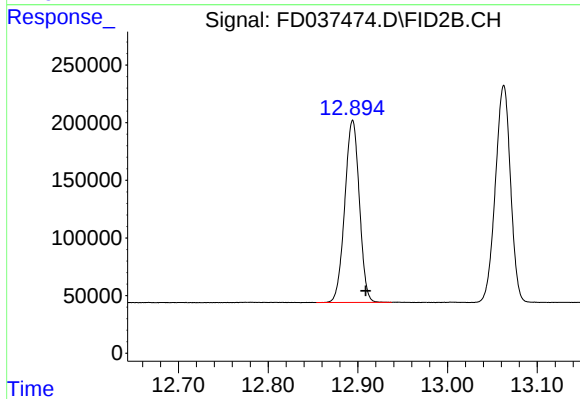
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.014 min
Response: 2260805
Conc: 21.31 ug/ml



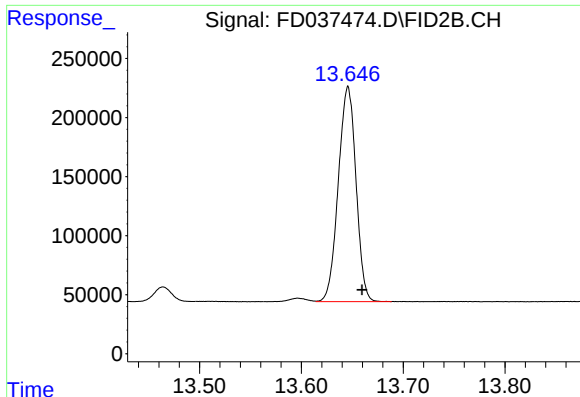
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.014 min
Response: 2209118
Conc: 21.03 ug/ml



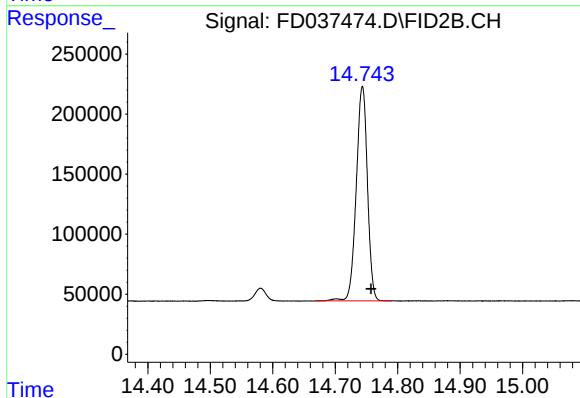
#12 1-chlorooctadecane (SURR)

R.T.: 12.894 min
Delta R.T.: -0.014 min
Response: 1784065
Conc: 21.09 ug/ml



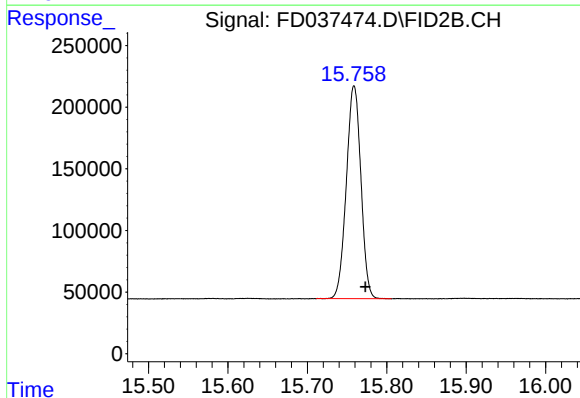
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.014 min
Response: 2199937
Conc: 21.40 ug/ml



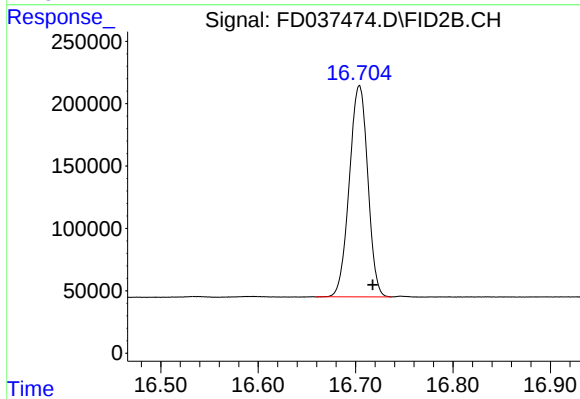
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.014 min
Response: 2224486
Conc: 21.96 ug/ml



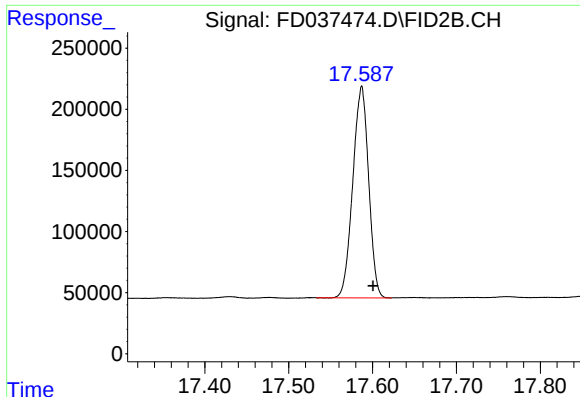
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: -0.014 min
Response: 2201511
Conc: 22.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.704 min
Delta R.T.: -0.013 min
Response: 2230746
Conc: 23.21 ug/ml



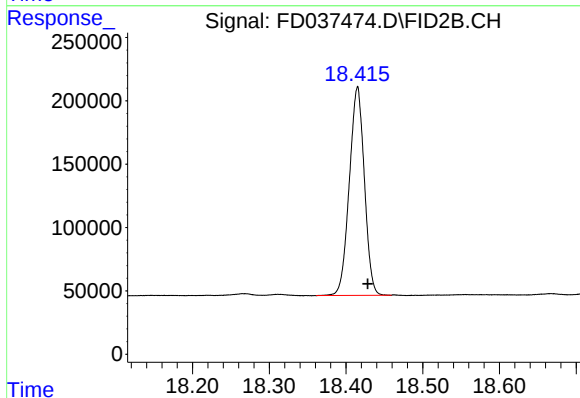
#17 n-Tricontane (C30)

R.T.: 17.587 min

Delta R.T.: -0.013 min

Response: 2268415

Conc: 23.59 ug/ml



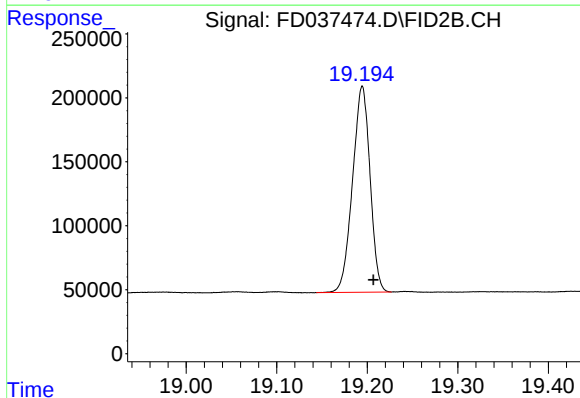
#18 n-Dotriacontane (C32)

R.T.: 18.415 min

Delta R.T.: -0.013 min

Response: 2242729

Conc: 22.80 ug/ml



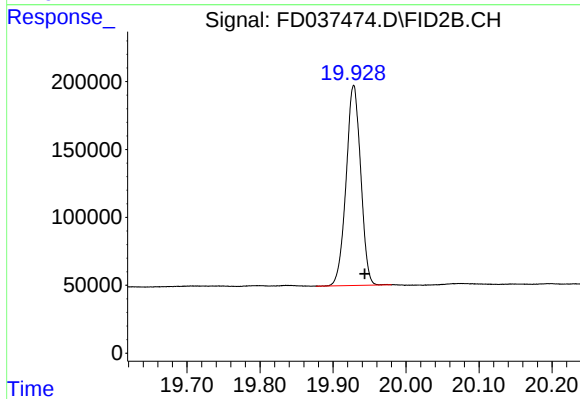
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min

Delta R.T.: -0.012 min

Response: 2163417

Conc: 22.79 ug/ml



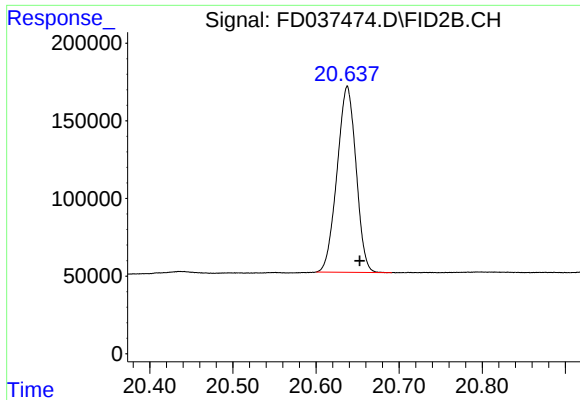
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min

Delta R.T.: -0.015 min

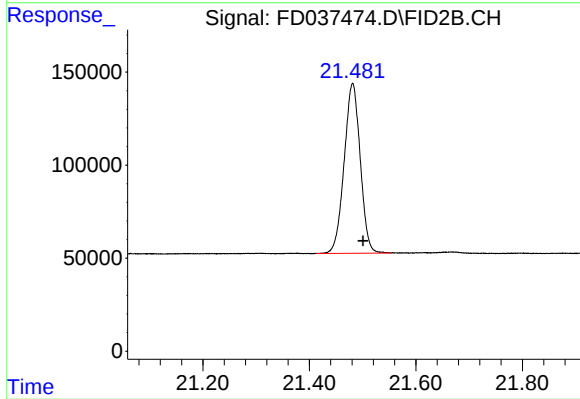
Response: 2047126

Conc: 21.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: -0.015 min
Response: 1899985
Conc: 22.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: -0.020 min
Response: 1911971
Conc: 19.93 ug/ml