

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080921AL\
 Data File : FD038457.D
 Signal(s) : FID2B.CH
 Acq On : 09 Aug 2021 14:07
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 15:09:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.364	2549531	18.677 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	12.801	1989371	18.500 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.194	2239016	19.072 ug/ml
2) T n-Decane (C10)	4.246	2270741	19.259 ug/ml
3) T A~Naphthalene (C11.7)	5.810	2518586	19.294 ug/ml
4) T n-Dodecane (C12)	6.248	2285871	19.251 ug/ml
5) T A~2-methylnaphthalene...	6.860	2543410	19.437 ug/ml
6) T n-Tetradecane (C14)	8.033	2321778	19.104 ug/ml
7) T n-Hexadecane (C16)	9.625	2334905	19.105 ug/ml
8) T n-Octadecane (C18)	11.058	2383437	18.931 ug/ml
10) T n-Eicosane (C20)	12.360	2353520	18.670 ug/ml
11) T n-Heneicosane (C21)	12.969	2367217	18.544 ug/ml
13) T n-Docosane (C22)	13.552	2334264	18.336 ug/ml
14) T n-Tetracosane (C24)	14.650	2316829	18.011 ug/ml
15) T n-Hexacosane (C26)	15.666	2230363	17.514 ug/ml
16) T n-Octacosane (C28)	16.612	2158782	16.920 ug/ml
17) T n-Tricontane (C30)	17.494	2063829	16.289 ug/ml
18) T n-Dotriacontane (C32)	18.323	1970273	16.035 ug/ml
19) T n-Tetratriacontane (C34)	19.103	1949598	16.335 ug/ml
20) T n-Hexatriacontane (C36)	19.839	1953067	17.524 ug/ml
21) T n-Octatriacontane (C38)	20.541	1964470	19.003 ug/ml
22) T n-Tetracontane (C40)	21.348	2095773	20.881 ug/ml

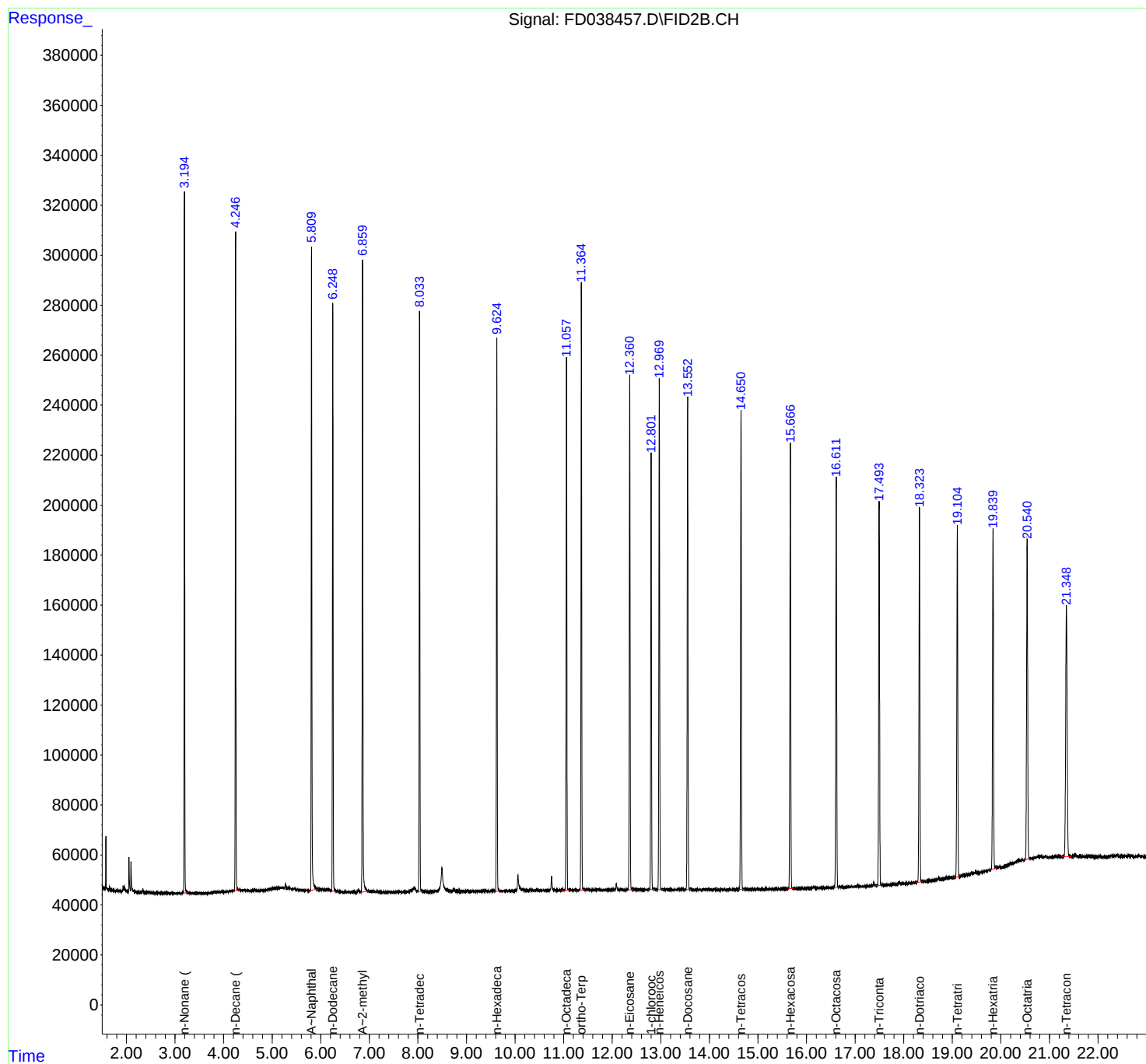
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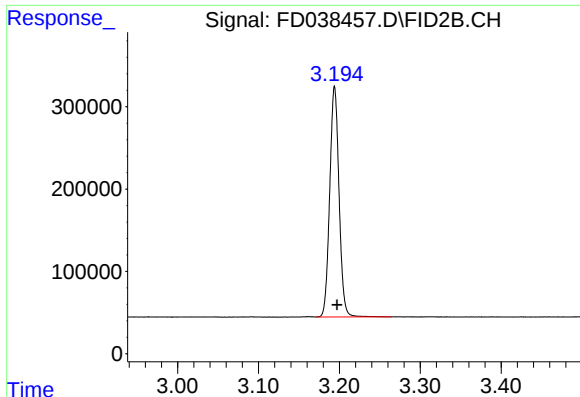
(m)=manual int.

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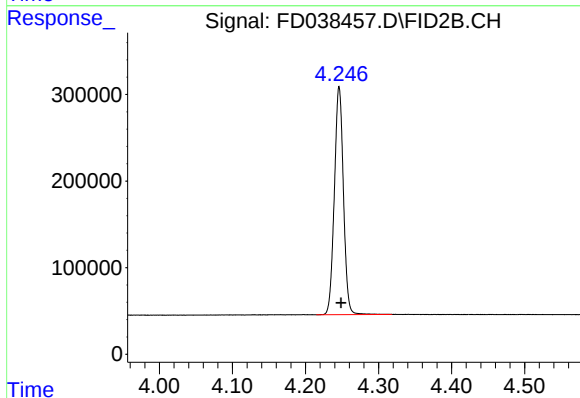
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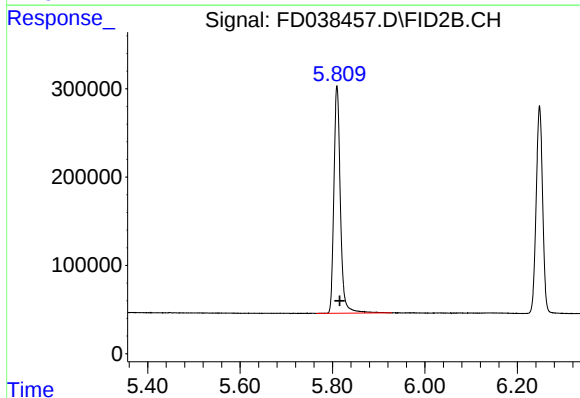
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.003 min
Response: 2239016
Conc: 19.07 ug/ml



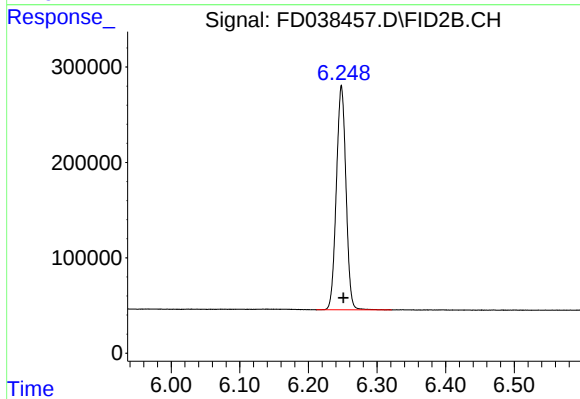
#2 n-Decane (C10)

R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 2270741
Conc: 19.26 ug/ml



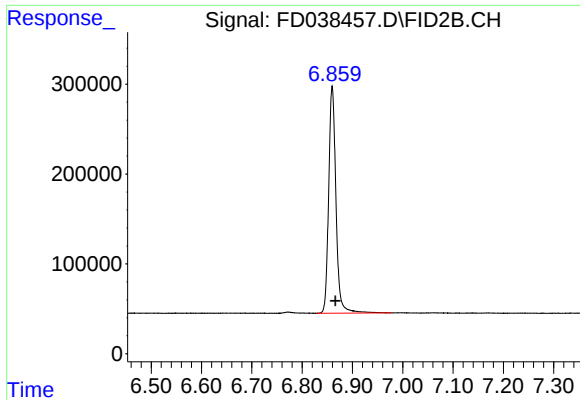
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 2518586
Conc: 19.29 ug/ml



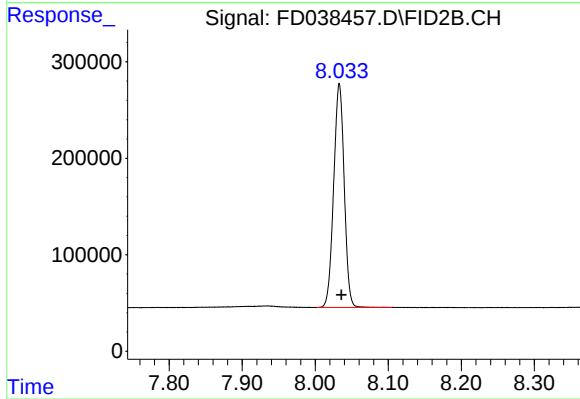
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 2285871
Conc: 19.25 ug/ml



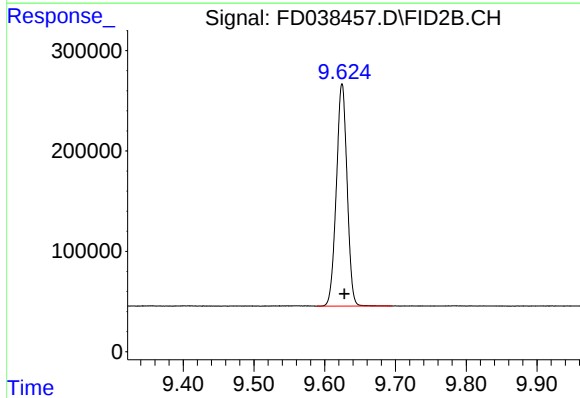
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 2543410
Conc: 19.44 ug/ml



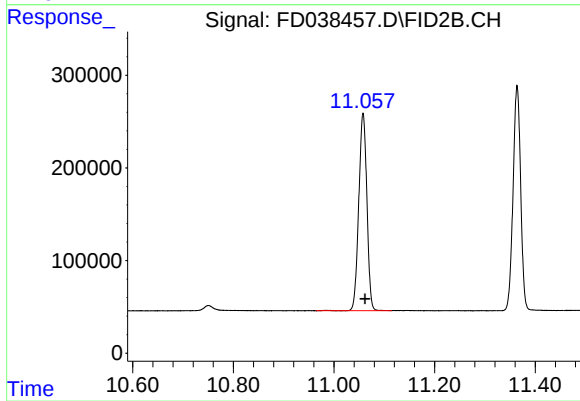
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 2321778
Conc: 19.10 ug/ml



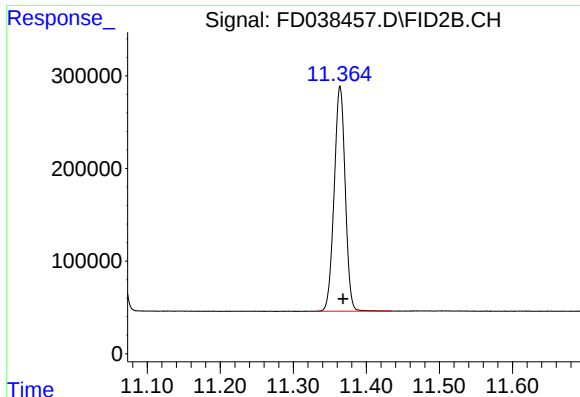
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.003 min
Response: 2334905
Conc: 19.10 ug/ml



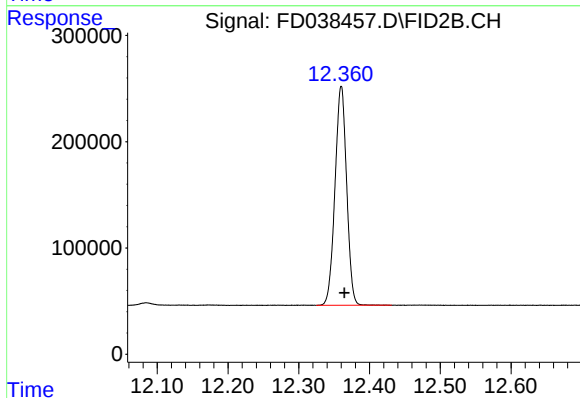
#8 n-Octadecane (C18)

R.T.: 11.058 min
Delta R.T.: -0.004 min
Response: 2383437
Conc: 18.93 ug/ml



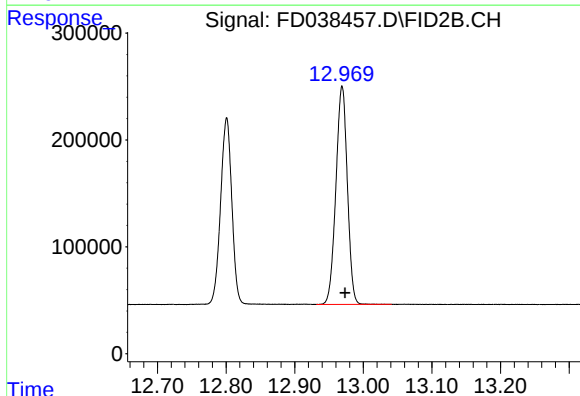
#9 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.004 min
Response: 2549531
Conc: 18.68 ug/ml



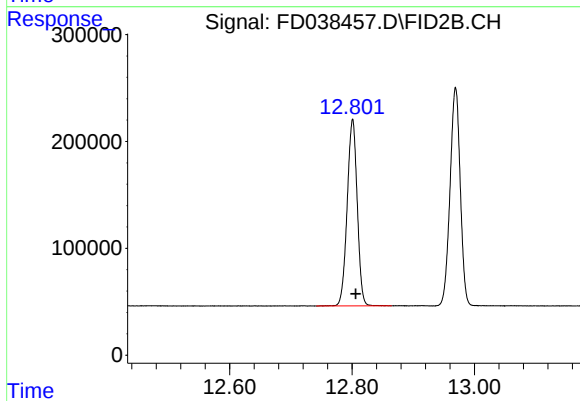
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: -0.004 min
Response: 2353520
Conc: 18.67 ug/ml



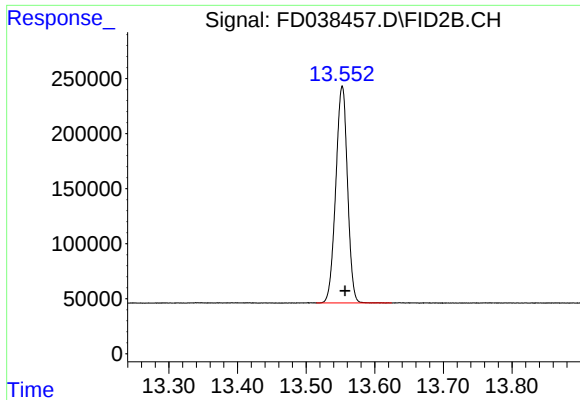
#11 n-Heneicosane (C21)

R.T.: 12.969 min
Delta R.T.: -0.005 min
Response: 2367217
Conc: 18.54 ug/ml



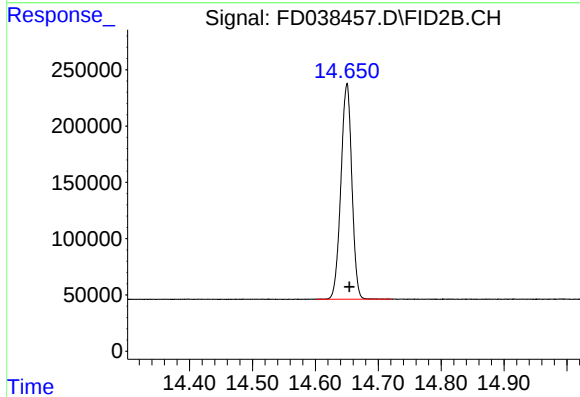
#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: -0.005 min
Response: 1989371
Conc: 18.50 ug/ml



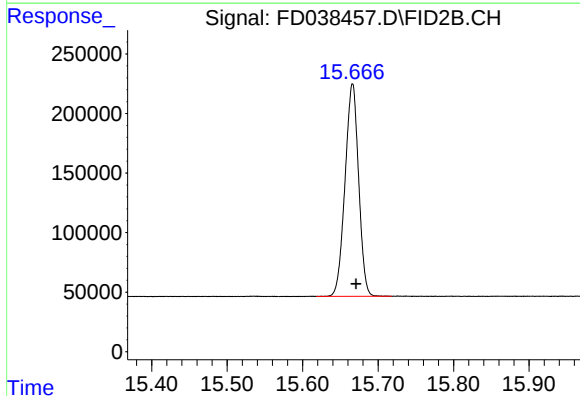
#13 n-Docosane (C22)

R.T.: 13.552 min
Delta R.T.: -0.004 min
Response: 2334264
Conc: 18.34 ug/ml



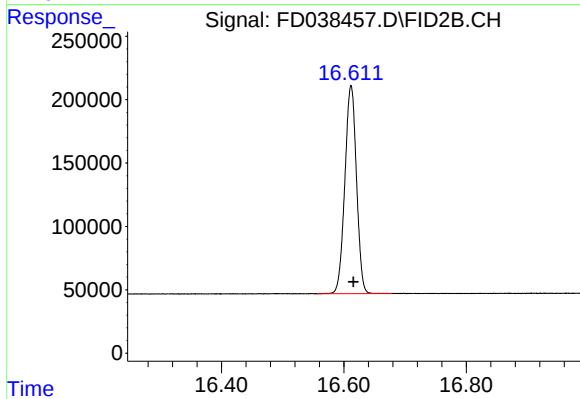
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.004 min
Response: 2316829
Conc: 18.01 ug/ml



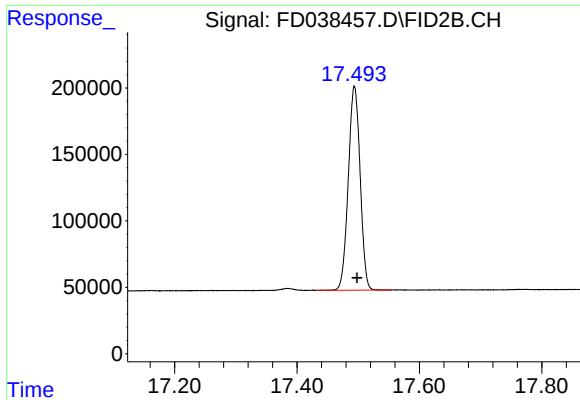
#15 n-Hexacosane (C26)

R.T.: 15.666 min
Delta R.T.: -0.005 min
Response: 2230363
Conc: 17.51 ug/ml



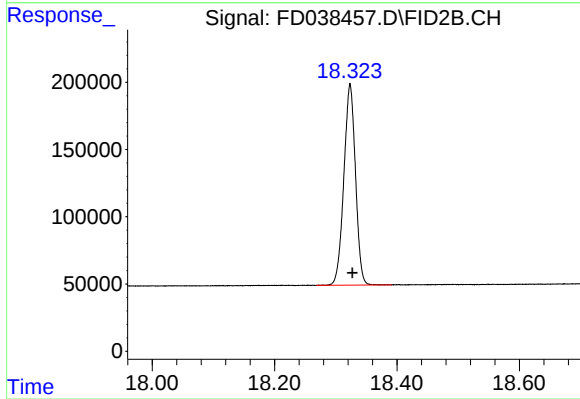
#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.004 min
Response: 2158782
Conc: 16.92 ug/ml



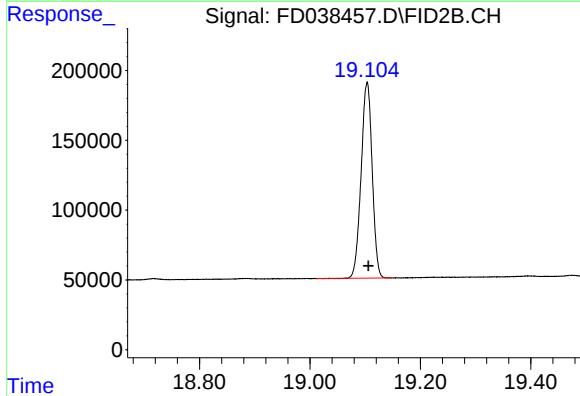
#17 n-Tricontane (C30)

R.T.: 17.494 min
Delta R.T.: -0.004 min
Response: 2063829
Conc: 16.29 ug/ml



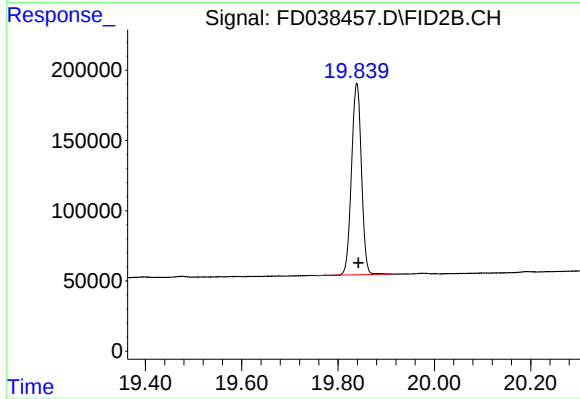
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: -0.004 min
Response: 1970273
Conc: 16.03 ug/ml



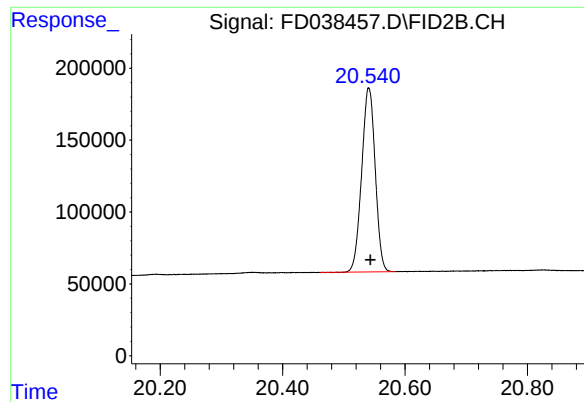
#19 n-Tetratriacontane (C34)

R.T.: 19.103 min
Delta R.T.: -0.002 min
Response: 1949598
Conc: 16.34 ug/ml



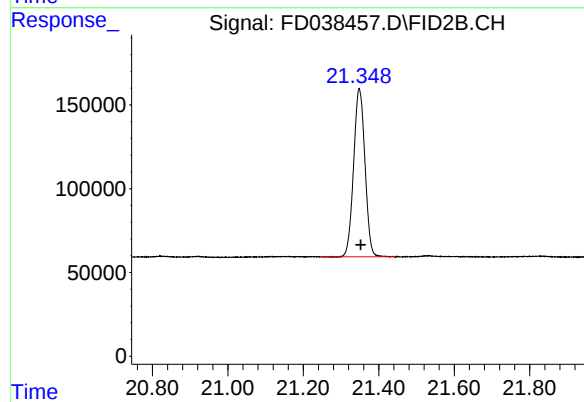
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: -0.003 min
Response: 1953067
Conc: 17.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: -0.003 min
Response: 1964470
Conc: 19.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.348 min
Delta R.T.: -0.004 min
Response: 2095773
Conc: 20.88 ug/ml