

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081121AL\
 Data File : FD038501.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2021 16:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 12 02:35:48 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)	11.371	2484397	18.200 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	12.809	1927397	17.924 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.192	2362569	20.124 ug/mlm
2) T n-Decane (C10)	4.246	2421797	20.541 ug/ml
3) T A~Naphthalene (C11.7)	5.812	2719913	20.836 ug/ml
4) T n-Dodecane (C12)	6.250	2452277	20.652 ug/ml
5) T A~2-methylnaphthalene...	6.864	2696145	20.604 ug/ml
6) T n-Tetradecane (C14)	8.037	2459867	20.240 ug/ml
7) T n-Hexadecane (C16)	9.629	2418683	19.790 ug/ml
8) T n-Octadecane (C18)	11.064	2411334	19.152 ug/ml
10) T n-Eicosane (C20)	12.367	2307960	18.309 ug/ml
11) T n-Heneicosane (C21)	12.976	2289780	17.938 ug/ml
13) T n-Docosane (C22)	13.559	2219672	17.436 ug/ml
14) T n-Tetracosane (C24)	14.658	2159250	16.786 ug/ml
15) T n-Hexacosane (C26)	15.674	2037319	15.998 ug/ml
16) T n-Octacosane (C28)	16.619	2003750	15.705 ug/ml
17) T n-Tricontane (C30)	17.503	1967866	15.532 ug/ml
18) T n-Dotriacontane (C32)	18.330	1922904	15.649 ug/mlm
19) T n-Tetratriacontane (C34)	19.111	1961141	16.432 ug/mlm
20) T n-Hexatriacontane (C36)	19.847	2075648	18.623 ug/mlm
21) T n-Octatriacontane (C38)	20.549	2151409	20.811 ug/mlm
22) T n-Tetracontane (C40)	21.362	2217020	22.089 ug/mlm

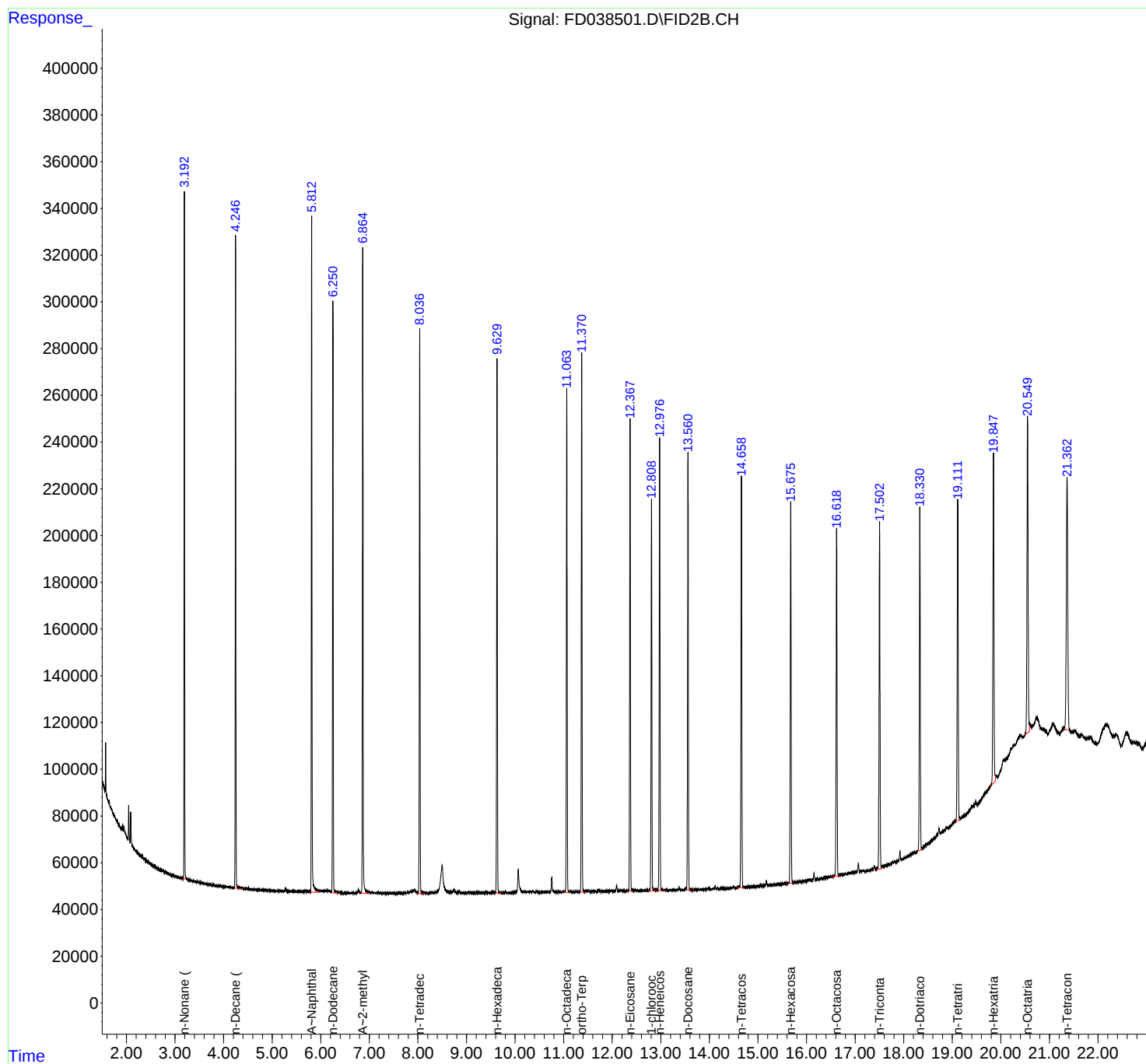
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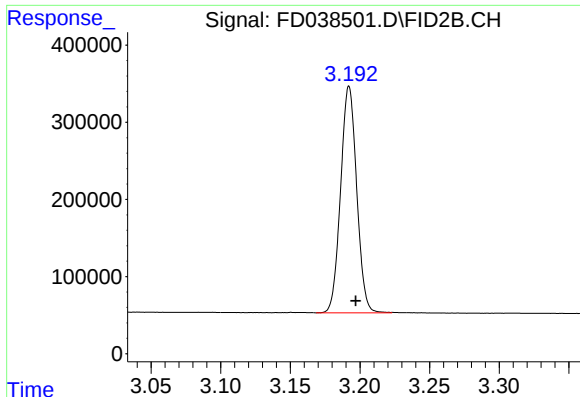
(m)=manual int.

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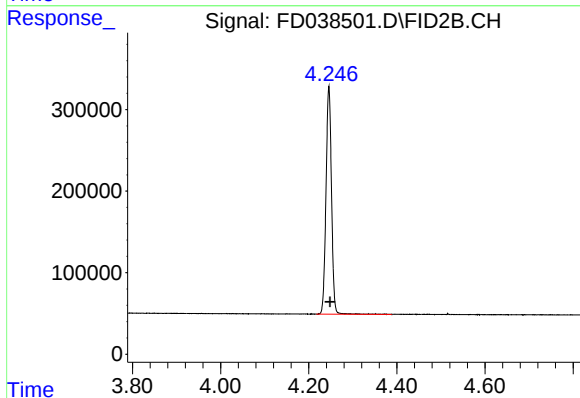
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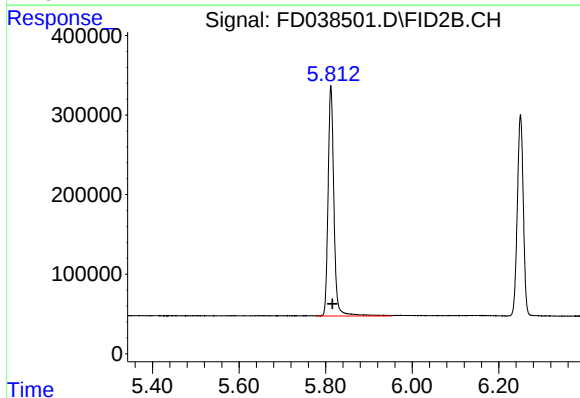
#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: -0.005 min
Response: 2362569
Conc: 20.12 ug/ml m



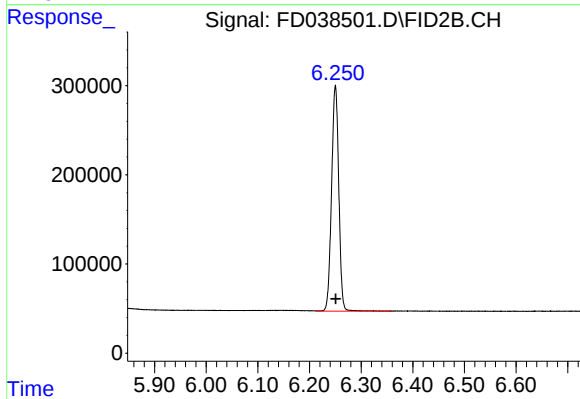
#2 n-Decane (C10)

R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 2421797
Conc: 20.54 ug/ml



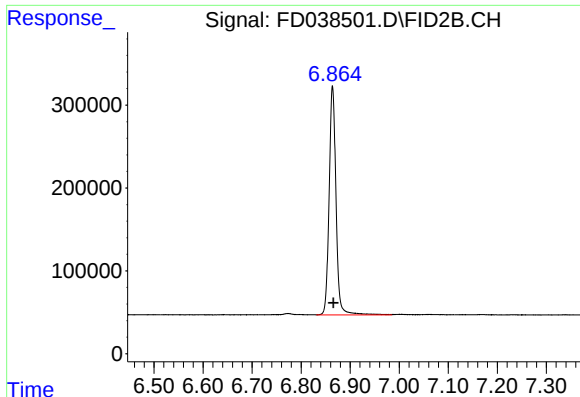
#3 A~Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 2719913
Conc: 20.84 ug/ml



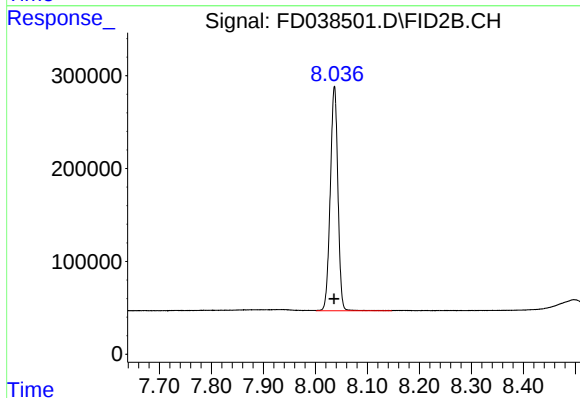
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 2452277
Conc: 20.65 ug/ml



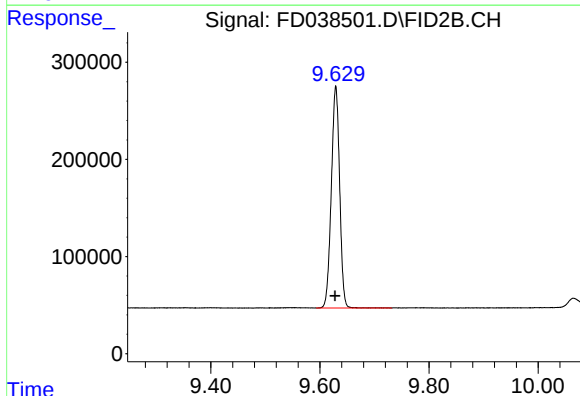
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 2696145
Conc: 20.60 ug/ml



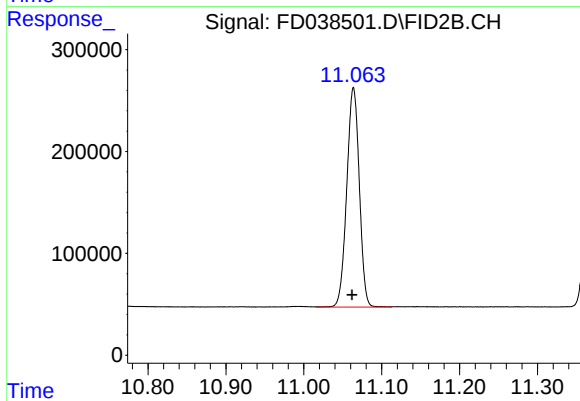
#6 n-Tetradecane (C14)

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 2459867
Conc: 20.24 ug/ml



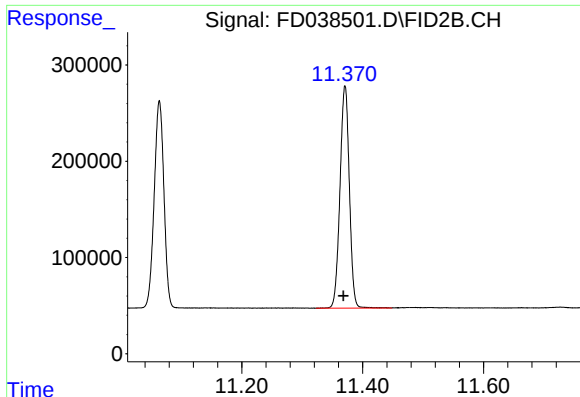
#7 n-Hexadecane (C16)

R.T.: 9.629 min
Delta R.T.: 0.001 min
Response: 2418683
Conc: 19.79 ug/ml



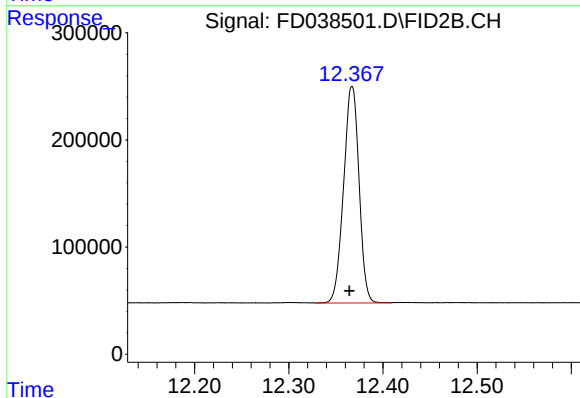
#8 n-Octadecane (C18)

R.T.: 11.064 min
Delta R.T.: 0.002 min
Response: 2411334
Conc: 19.15 ug/ml



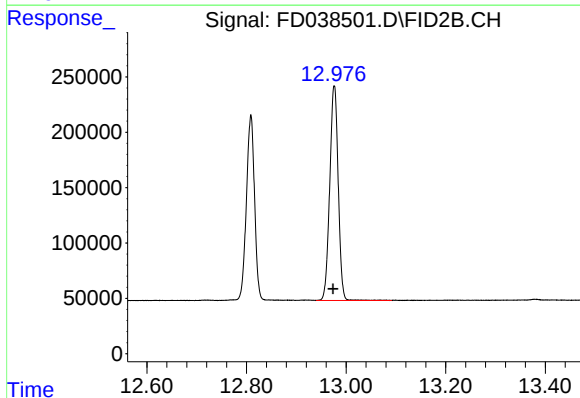
#9 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: 0.003 min
Response: 2484397
Conc: 18.20 ug/ml



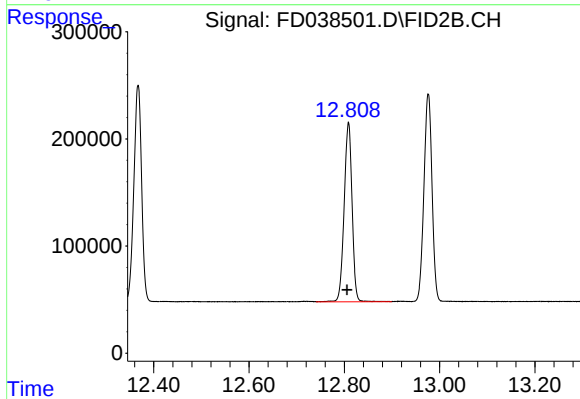
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.003 min
Response: 2307960
Conc: 18.31 ug/ml



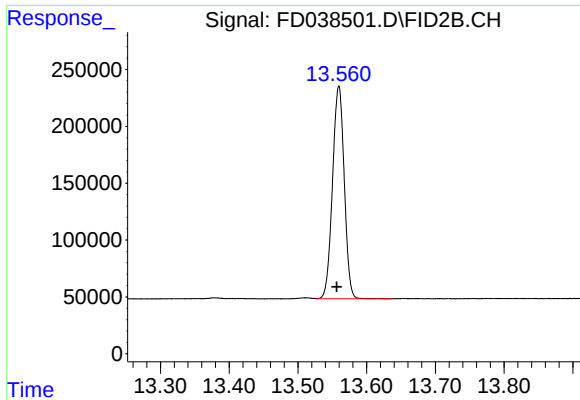
#11 n-Heneicosane (C21)

R.T.: 12.976 min
Delta R.T.: 0.003 min
Response: 2289780
Conc: 17.94 ug/ml



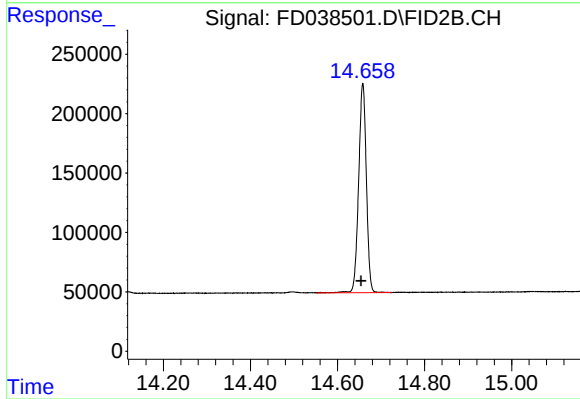
#12 1-chlorooctadecane (SURR)

R.T.: 12.809 min
Delta R.T.: 0.003 min
Response: 1927397
Conc: 17.92 ug/ml



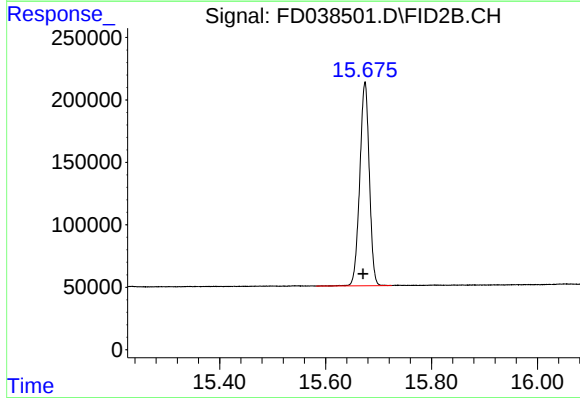
#13 n-Docosane (C22)

R.T.: 13.559 min
Delta R.T.: 0.003 min
Response: 2219672
Conc: 17.44 ug/ml



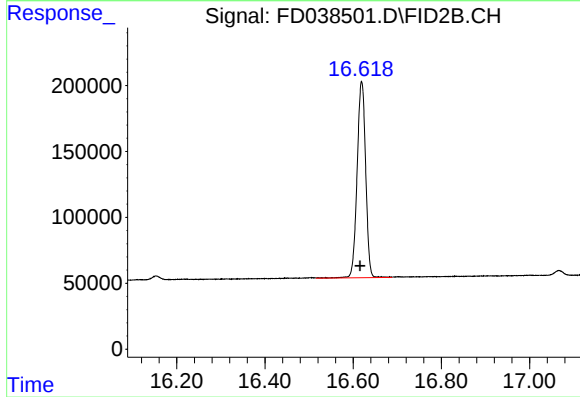
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: 0.004 min
Response: 2159250
Conc: 16.79 ug/ml



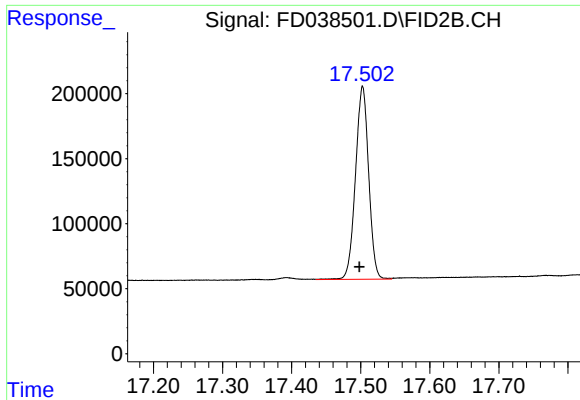
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.003 min
Response: 2037319
Conc: 16.00 ug/ml



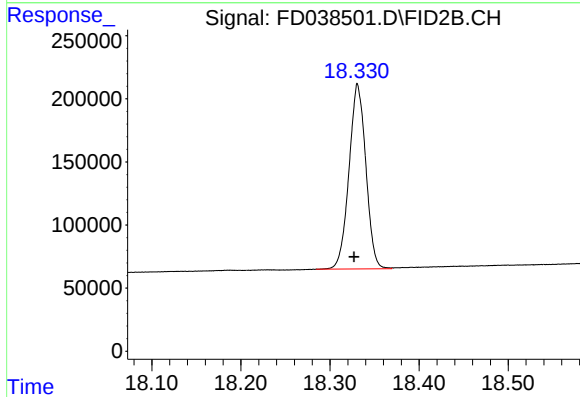
#16 n-Octacosane (C28)

R.T.: 16.619 min
Delta R.T.: 0.003 min
Response: 2003750
Conc: 15.71 ug/ml



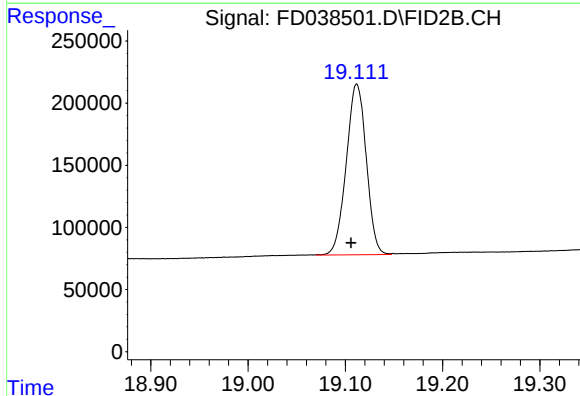
#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: 0.004 min
Response: 1967866
Conc: 15.53 ug/ml



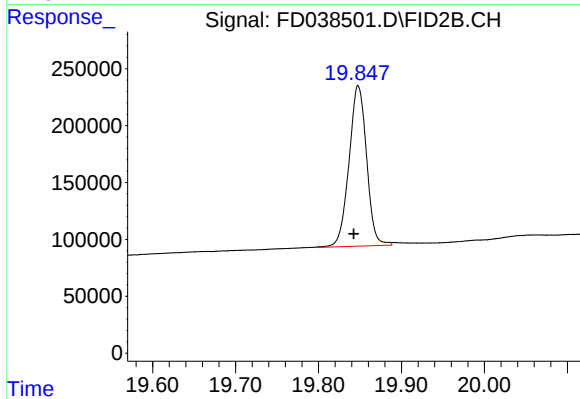
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: 0.003 min
Response: 1922904
Conc: 15.65 ug/ml m



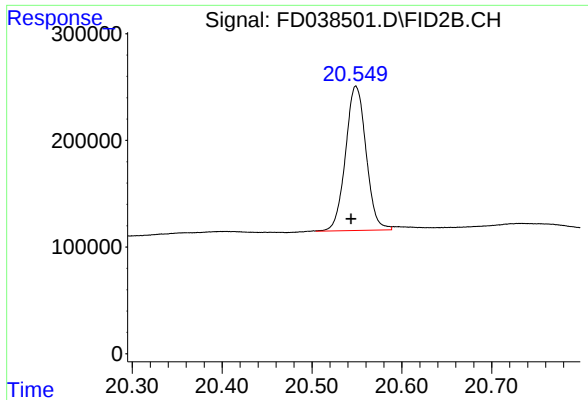
#19 n-Tetratriacontane (C34)

R.T.: 19.111 min
Delta R.T.: 0.006 min
Response: 1961141
Conc: 16.43 ug/ml m



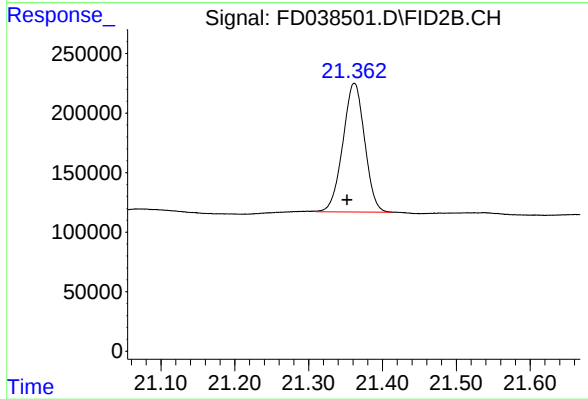
#20 n-Hexatriacontane (C36)

R.T.: 19.847 min
Delta R.T.: 0.005 min
Response: 2075648
Conc: 18.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.549 min
Delta R.T.: 0.005 min
Response: 2151409
Conc: 20.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: 0.010 min
Response: 2217020
Conc: 22.09 ug/ml m