

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081821AL\
 Data File : FD038661.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2021 11:17
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 19 12:53:14 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)	11.360	2884828	21.134 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
12) S 1-chlorooctadecane (S...	12.797	2258079	20.999 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	3.188	2617592	22.296 ug/ml
2) T n-Decane (C10)	4.240	2669412	22.641 ug/ml
3) T A~Naphthalene (C11.7)	5.804	2951231	22.609 ug/ml
4) T n-Dodecane (C12)	6.243	2717304	22.884 ug/ml
5) T A~2-methylnaphthalene...	6.855	2980649	22.778 ug/ml
6) T n-Tetradecane (C14)	8.027	2773294	22.819 ug/ml
7) T n-Hexadecane (C16)	9.619	2784731	22.785 ug/ml
8) T n-Octadecane (C18)	11.054	2823626	22.427 ug/ml
10) T n-Eicosane (C20)	12.357	2741043	21.745 ug/ml
11) T n-Heneicosane (C21)	12.965	2716849	21.283 ug/ml
13) T n-Docosane (C22)	13.550	2688587	21.119 ug/ml
14) T n-Tetracosane (C24)	14.647	2672216	20.774 ug/ml
15) T n-Hexacosane (C26)	15.663	2525645	19.832 ug/ml
16) T n-Octacosane (C28)	16.608	2450422	19.206 ug/ml
17) T n-Tricontane (C30)	17.491	2384642	18.822 ug/ml
18) T n-Dotriacontane (C32)	18.319	2286776	18.610 ug/ml
19) T n-Tetratriacontane (C34)	19.098	2202569	18.455 ug/ml
20) T n-Hexatriacontane (C36)	19.834	2125839	19.074 ug/ml
21) T n-Octatriacontane (C38)	20.534	2070356	20.027 ug/ml
22) T n-Tetracontane (C40)	21.342	2135523	21.277 ug/ml

(f)=RT Delta > 1/2 Window

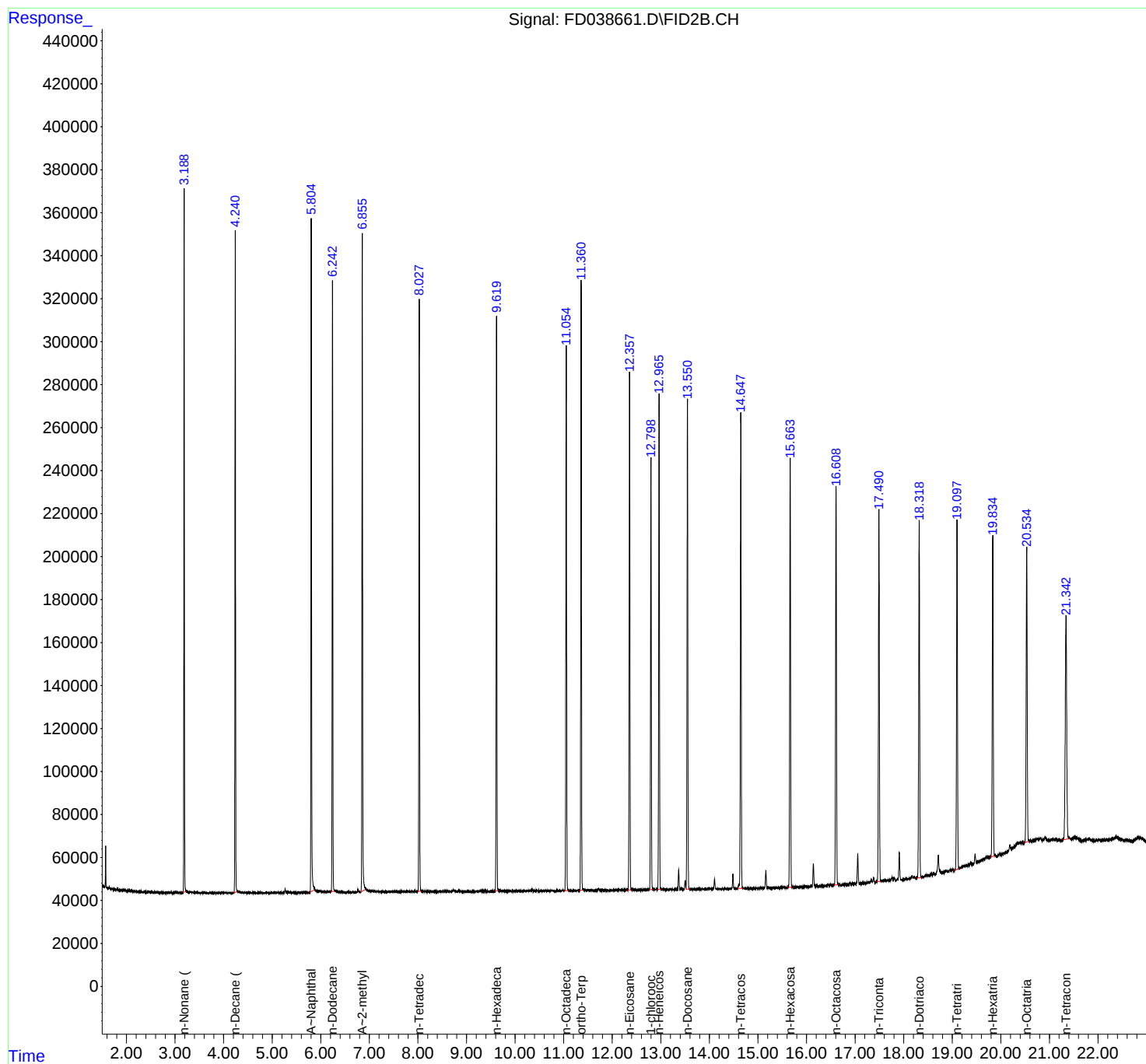
(m)=manual int.

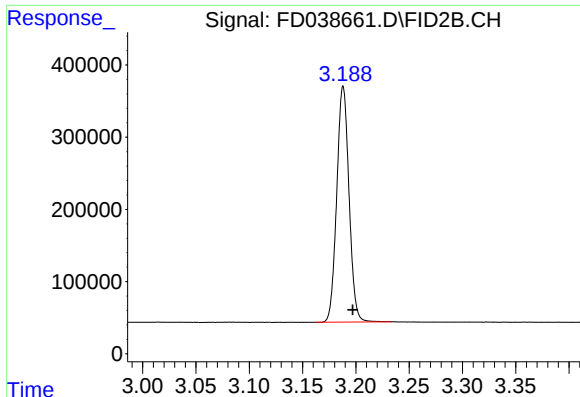
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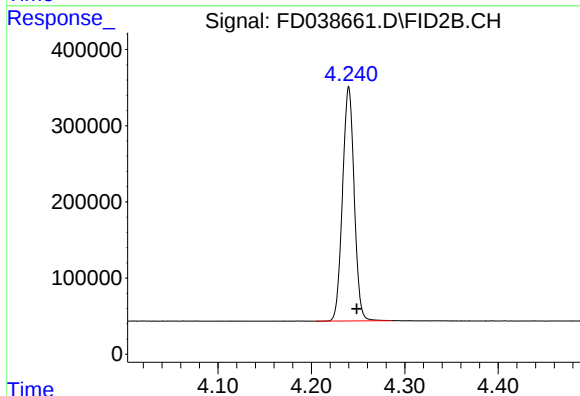




#1 n-Nonane (C9)

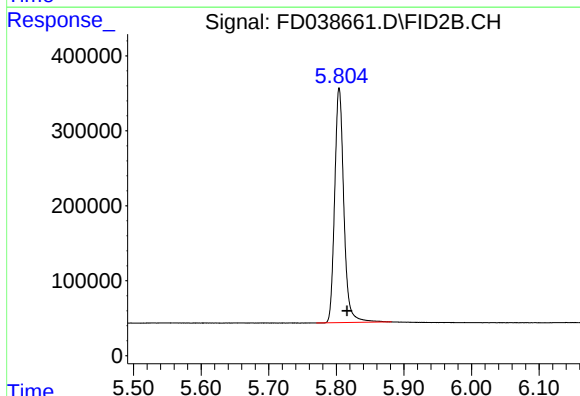
R.T.: 3.188 min
Delta R.T.: -0.009 min
Response: 2617592
Conc: 22.30 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



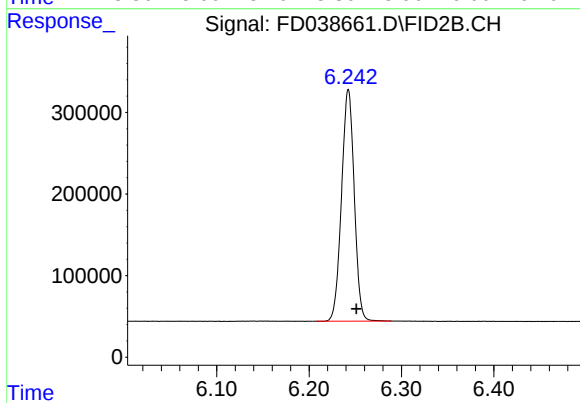
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: -0.009 min
Response: 2669412
Conc: 22.64 ug/ml



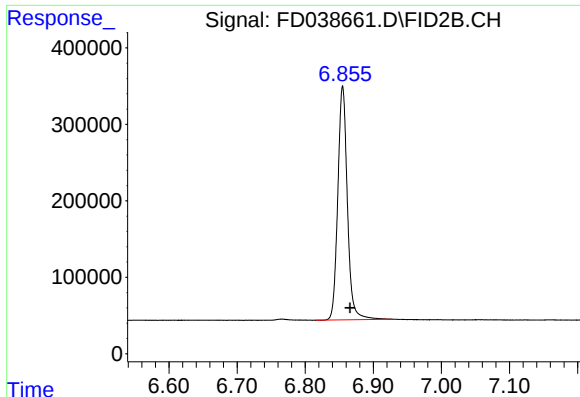
#3 A~Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 2951231
Conc: 22.61 ug/ml



#4 n-Dodecane (C12)

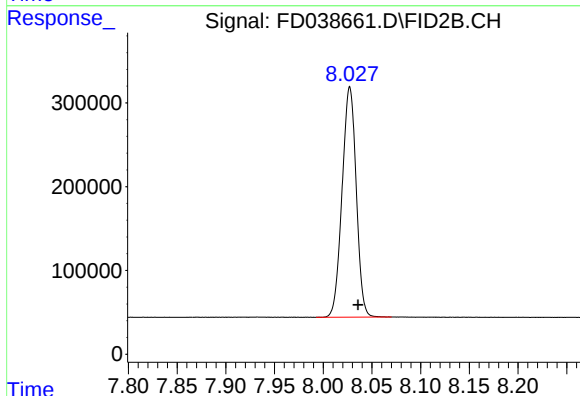
R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 2717304
Conc: 22.88 ug/ml



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

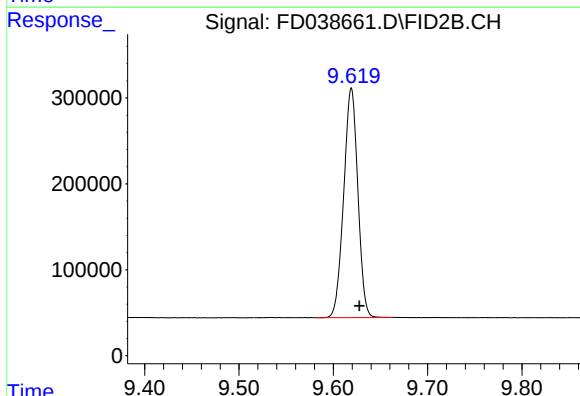
R.T.: 6.855 min
Delta R.T.: -0.011 min
Response: 2980649
Conc: 22.78 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



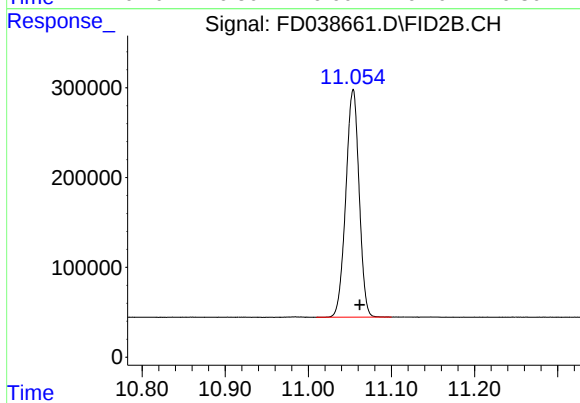
#6 n-Tetradecane (C14)

R.T.: 8.027 min
Delta R.T.: -0.008 min
Response: 2773294
Conc: 22.82 ug/ml



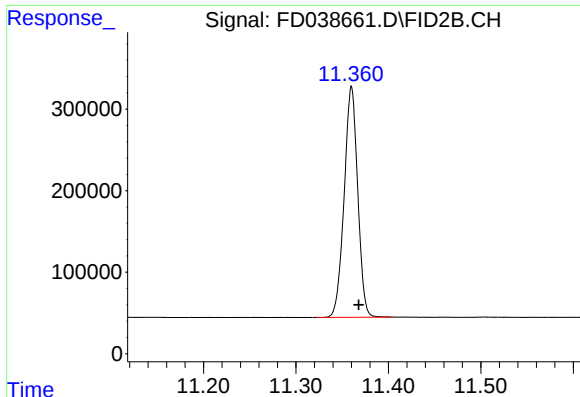
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: -0.008 min
Response: 2784731
Conc: 22.79 ug/ml



#8 n-Octadecane (C18)

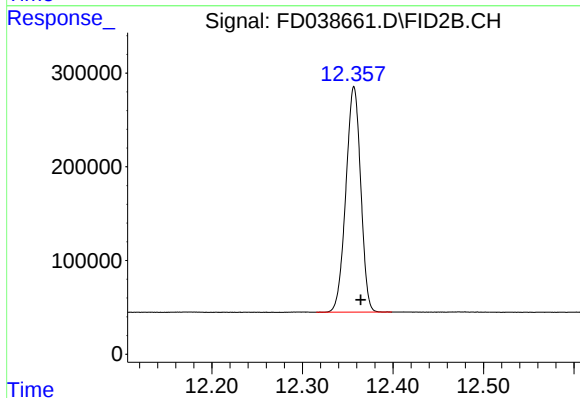
R.T.: 11.054 min
Delta R.T.: -0.008 min
Response: 2823626
Conc: 22.43 ug/ml



#9 ortho-Terphenyl (SURR)

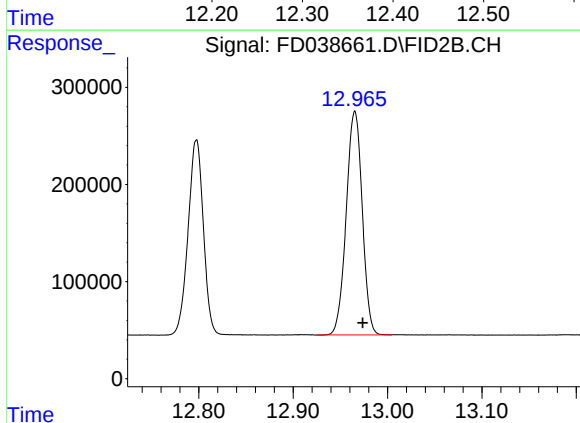
R.T.: 11.360 min
Delta R.T.: -0.008 min
Response: 2884828
Conc: 21.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



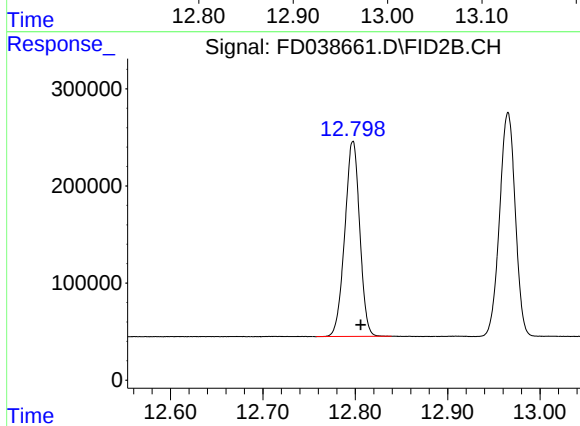
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: -0.007 min
Response: 2741043
Conc: 21.74 ug/ml



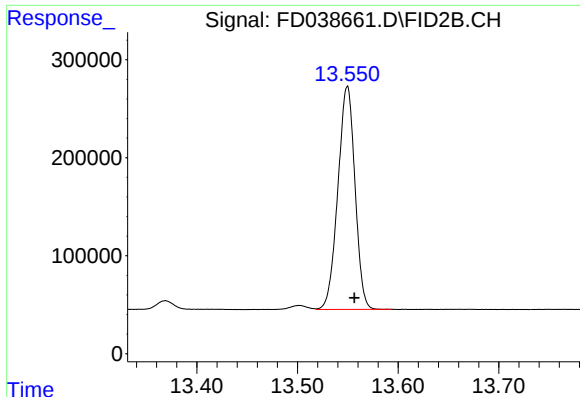
#11 n-Heneicosane (C21)

R.T.: 12.965 min
Delta R.T.: -0.008 min
Response: 2716849
Conc: 21.28 ug/ml



#12 1-chlorooctadecane (SURR)

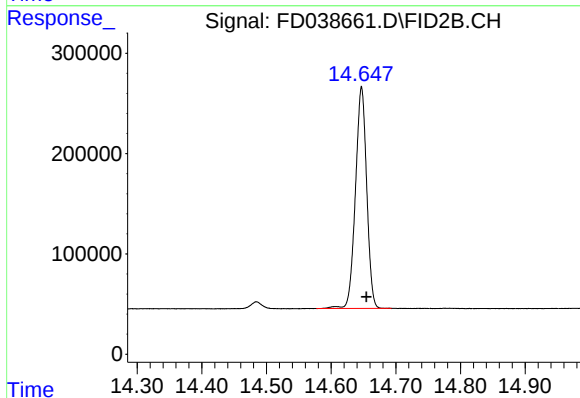
R.T.: 12.797 min
Delta R.T.: -0.008 min
Response: 2258079
Conc: 21.00 ug/ml



#13 n-Docosane (C22)

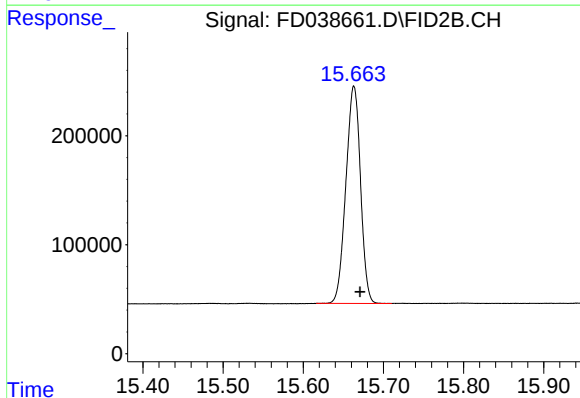
R.T.: 13.550 min
Delta R.T.: -0.007 min
Response: 2688587
Conc: 21.12 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



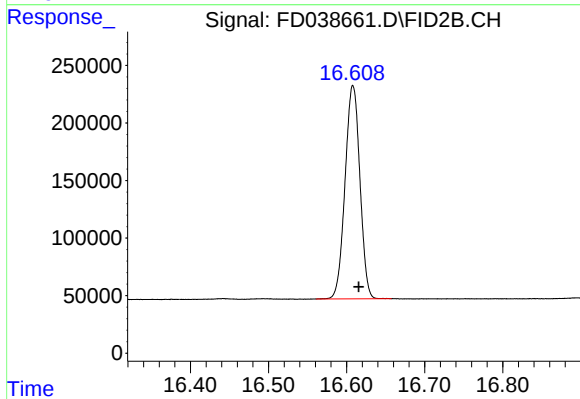
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.007 min
Response: 2672216
Conc: 20.77 ug/ml



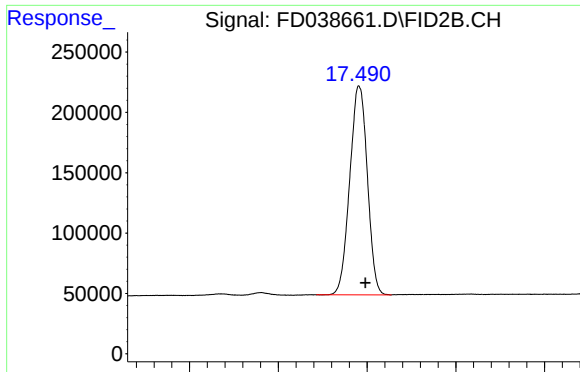
#15 n-Hexacosane (C26)

R.T.: 15.663 min
Delta R.T.: -0.008 min
Response: 2525645
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

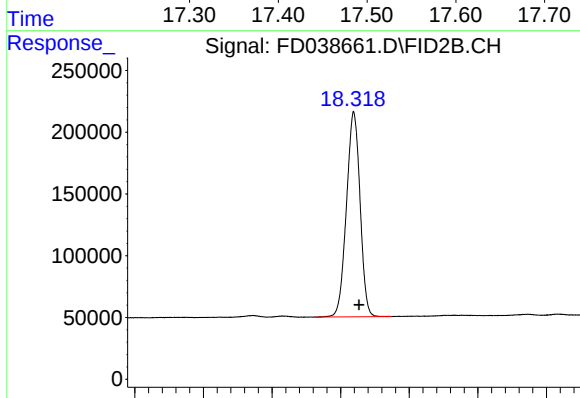
R.T.: 16.608 min
Delta R.T.: -0.008 min
Response: 2450422
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

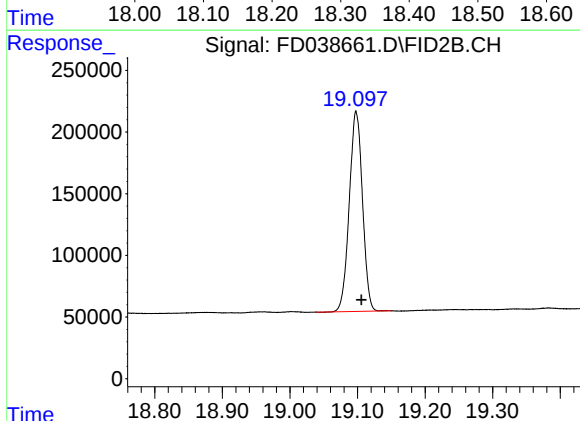
R.T.: 17.491 min
Delta R.T.: -0.007 min
Response: 2384642
Conc: 18.82 ug/ml

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20 PPM ALIPHATIC HC STD



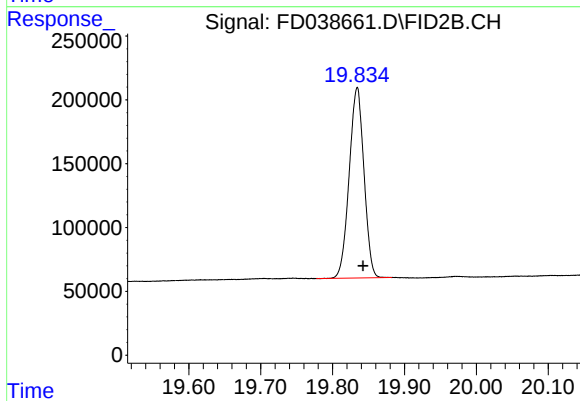
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: -0.008 min
Response: 2286776
Conc: 18.61 ug/ml



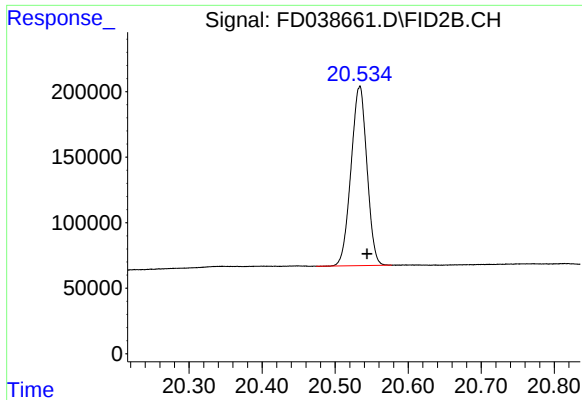
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: -0.008 min
Response: 2202569
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

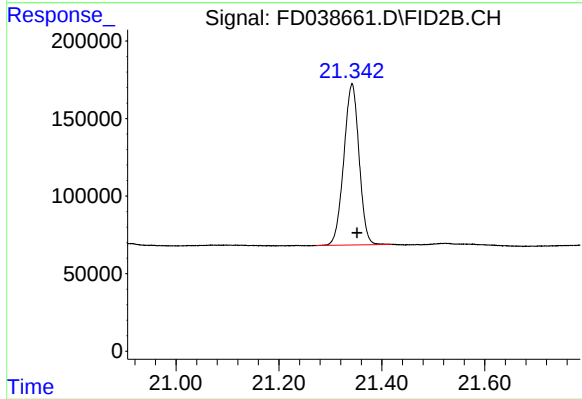
R.T.: 19.834 min
Delta R.T.: -0.008 min
Response: 2125839
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.534 min
Delta R.T.: -0.010 min
Response: 2070356
Conc: 20.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: -0.010 min
Response: 2135523
Conc: 21.28 ug/ml