

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112421AL\
 Data File : FD039661.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2021 4:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 25 06:29:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.655	2642685	20.744 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	13.082	2011893	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.418	2374129	20.780 ug/ml
2) T n-Decane (C10)	4.486	2389750	20.779 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2629682	20.666 ug/ml
4) T n-Dodecane (C12)	6.501	2394022	20.790 ug/ml
5) T A~2-methylnaphthalene...	7.132	2628208	20.639 ug/ml
6) T n-Tetradecane (C14)	8.294	2392180	20.645 ug/ml
7) T n-Hexadecane (C16)	9.892	2376959	20.443 ug/ml
8) T n-Octadecane (C18)	11.330	2448742	20.608 ug/ml
10) T n-Eicosane (C20)	12.637	2426649	20.681 ug/ml
11) T n-Heneicosane (C21)	13.248	2443477	20.773 ug/ml
13) T n-Docosane (C22)	13.832	2408324	20.762 ug/ml
14) T n-Tetracosane (C24)	14.932	2391104	20.490 ug/ml
15) T n-Hexacosane (C26)	15.948	2290699	20.672 ug/ml
16) T n-Octacosane (C28)	16.895	2191471	20.428 ug/ml
17) T n-Tricontane (C30)	17.780	2149544	20.165 ug/ml
18) T n-Dotriacontane (C32)	18.608	2074450	19.918 ug/ml
19) T n-Tetratriacontane (C34)	19.389	2020554	20.106 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1986952	20.649 ug/ml
21) T n-Octatriacontane (C38)	20.863	1865544	19.878 ug/ml
22) T n-Tetracontane (C40)	21.783	1628525	16.892 ug/ml

(f)=RT Delta > 1/2 Window

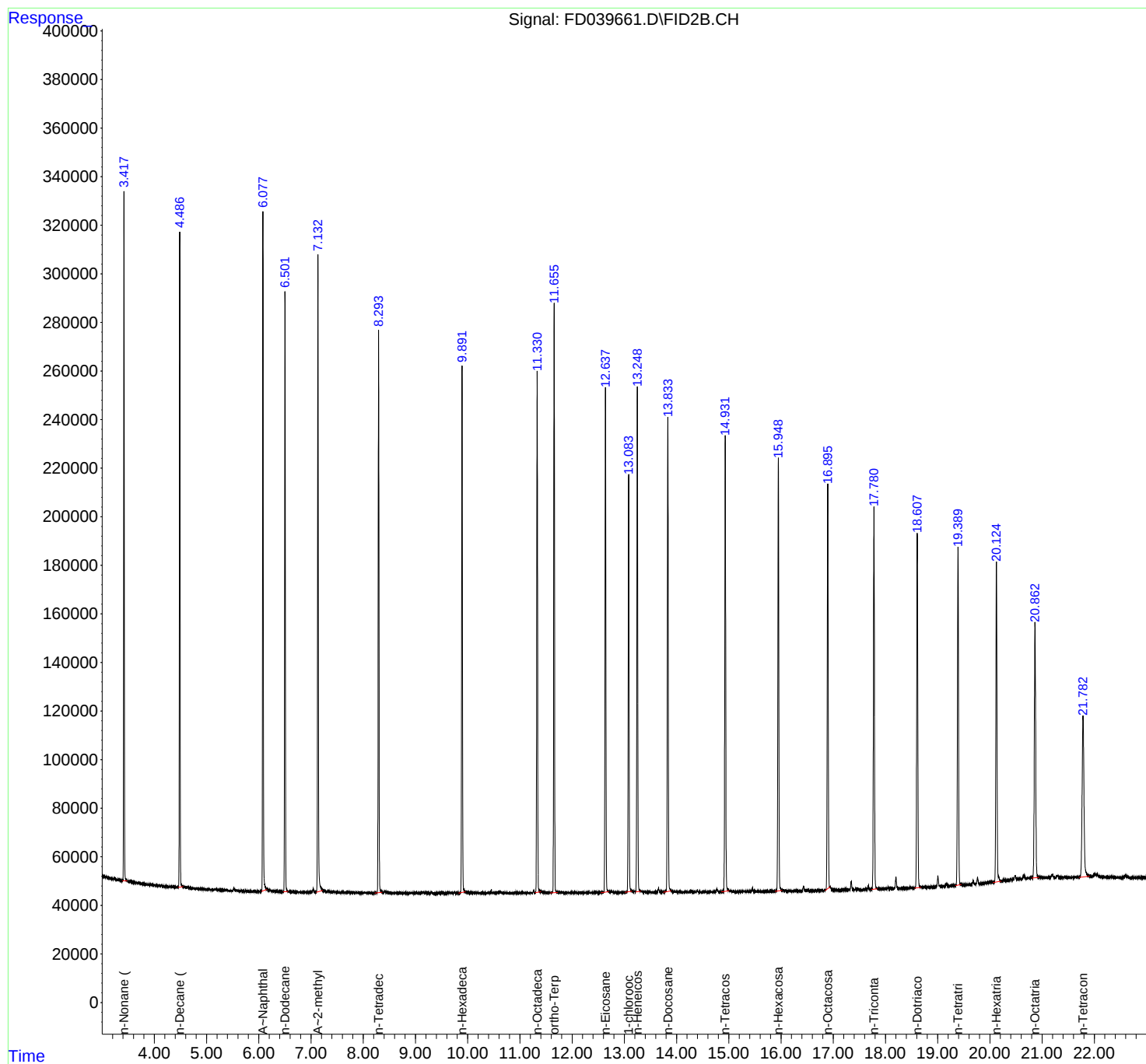
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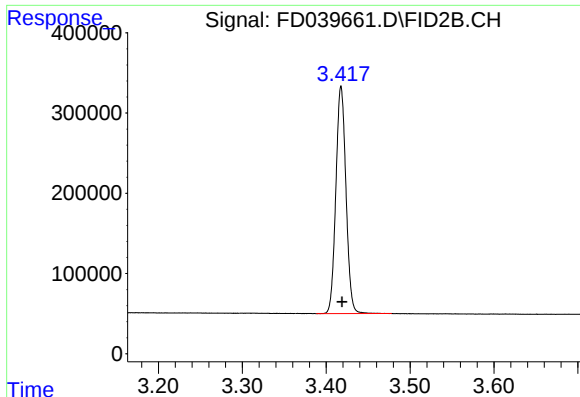
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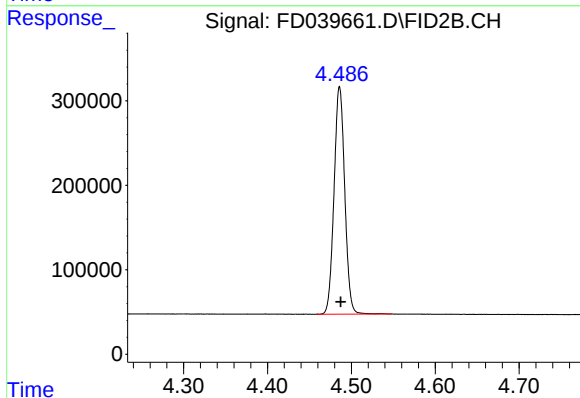




#1 n-Nonane (C9)

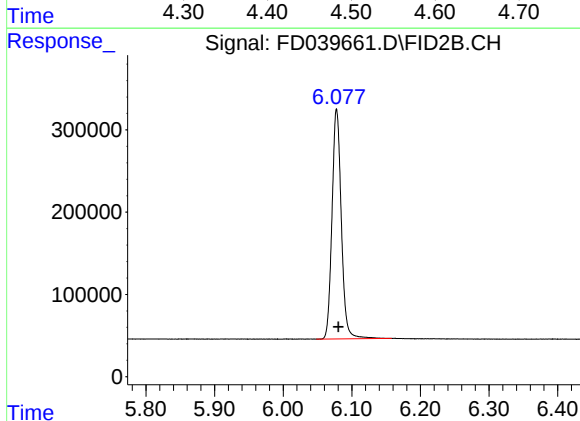
R.T.: 3.418 min
Delta R.T.: -0.001 min
Response: 2374129
Conc: 20.78 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



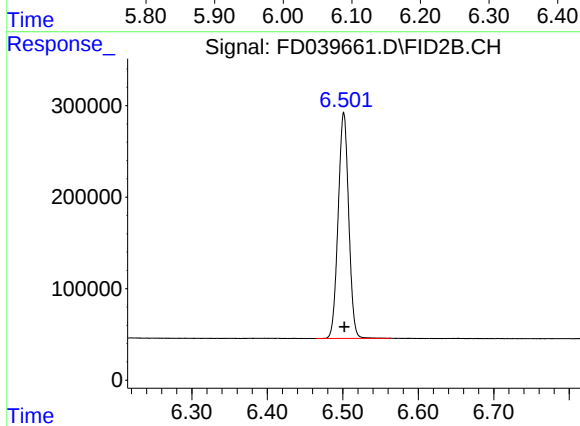
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 2389750
Conc: 20.78 ug/ml



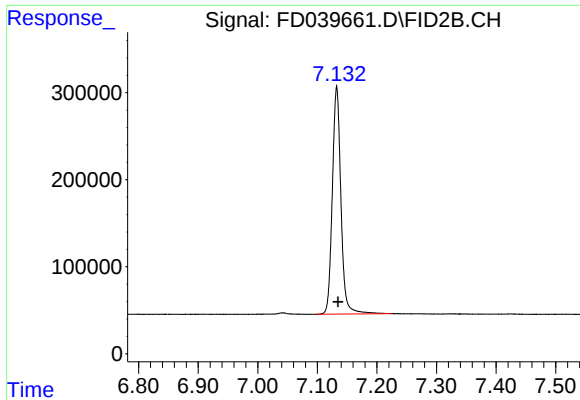
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 2629682
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

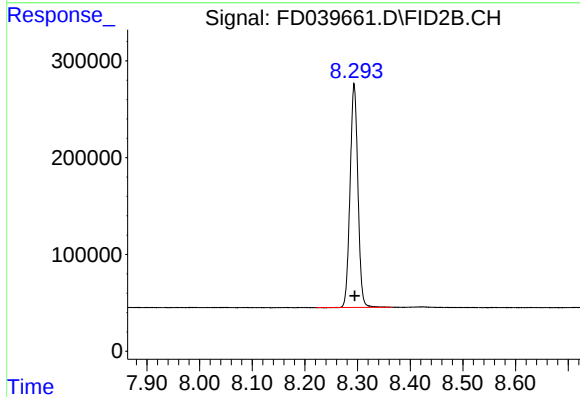
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 2394022
Conc: 20.79 ug/ml



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

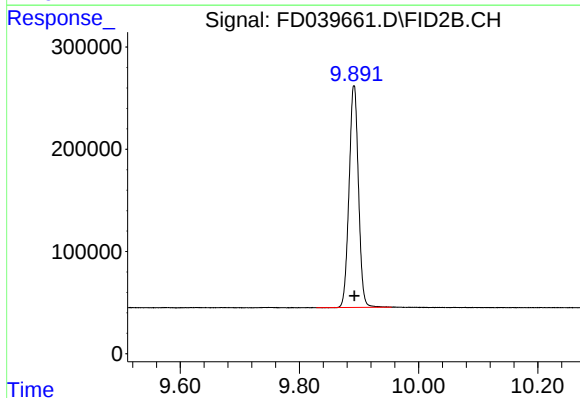
R.T.: 7.132 min
Delta R.T.: -0.002 min
Response: 2628208
Conc: 20.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



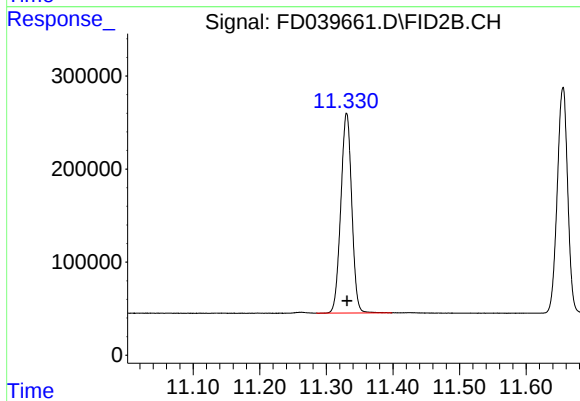
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 2392180
Conc: 20.64 ug/ml



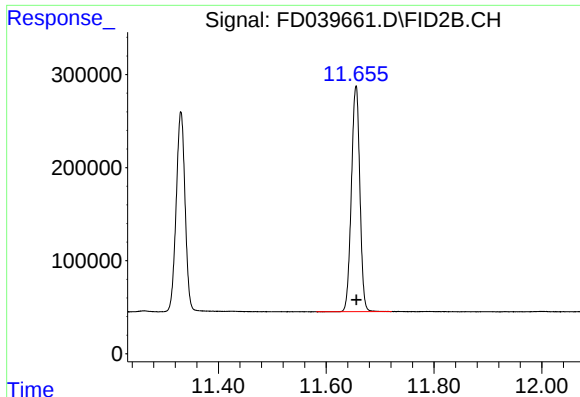
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 2376959
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

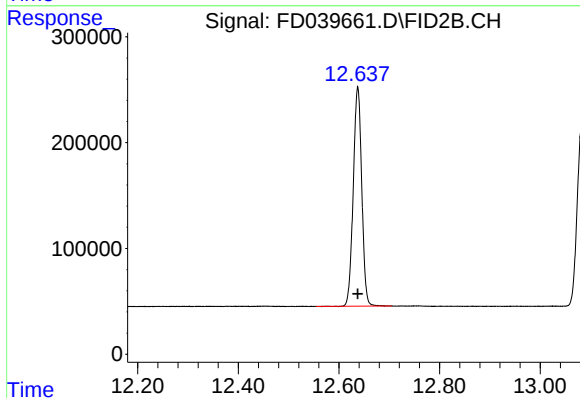
R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 2448742
Conc: 20.61 ug/ml



#9 ortho-Terphenyl (SURR)

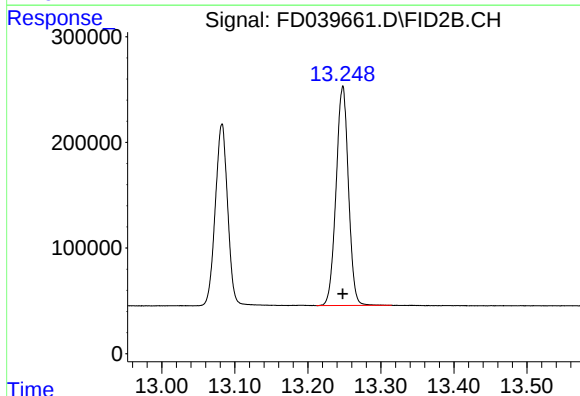
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 2642685
Conc: 20.74 ug/ml

Instrument :
FID_D
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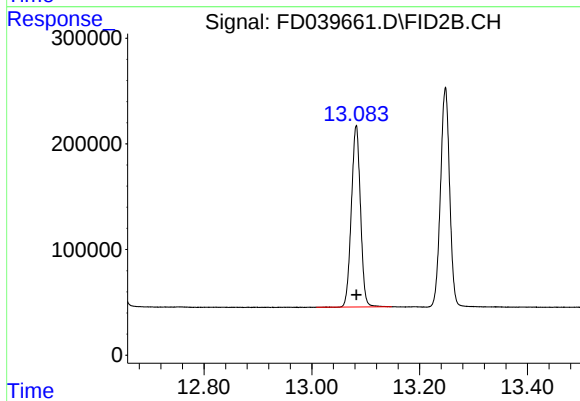
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 2426649
Conc: 20.68 ug/ml



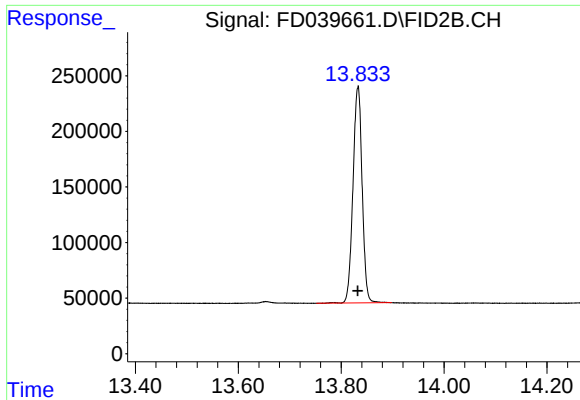
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.000 min
Response: 2443477
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

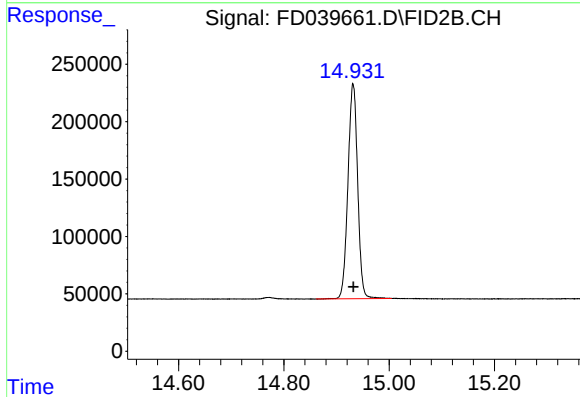
R.T.: 13.082 min
Delta R.T.: 0.000 min
Response: 2011893
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

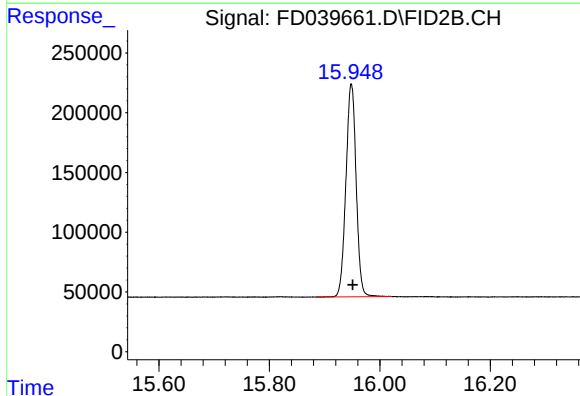
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 2408324
Conc: 20.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



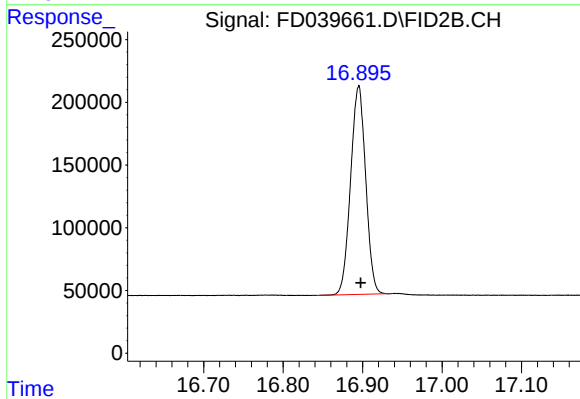
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.001 min
Response: 2391104
Conc: 20.49 ug/ml



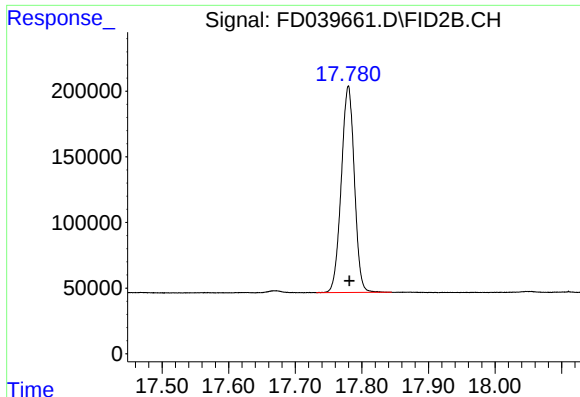
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: -0.002 min
Response: 2290699
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

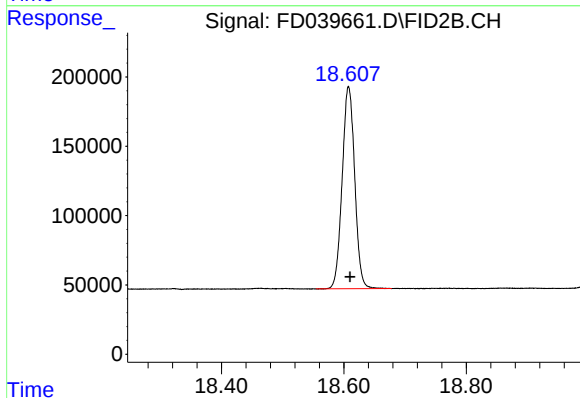
R.T.: 16.895 min
Delta R.T.: -0.003 min
Response: 2191471
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

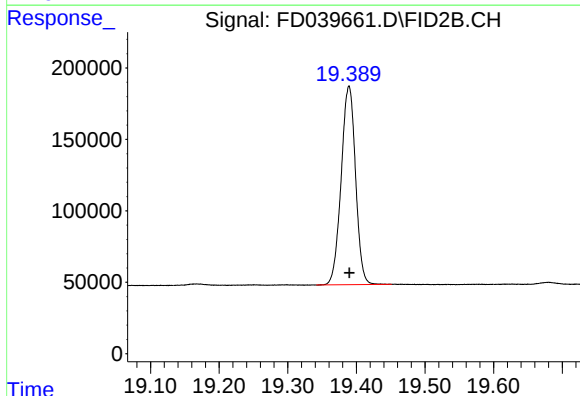
R.T.: 17.780 min
Delta R.T.: -0.001 min
Response: 2149544
Conc: 20.17 ug/ml

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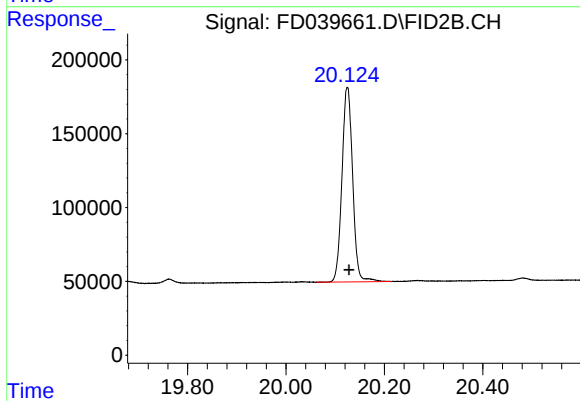
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.002 min
Response: 2074450
Conc: 19.92 ug/ml



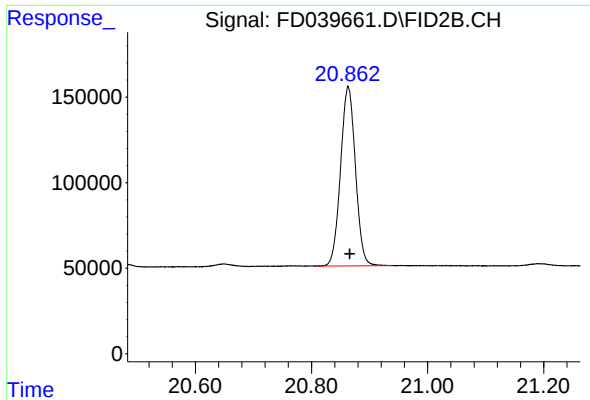
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.000 min
Response: 2020554
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

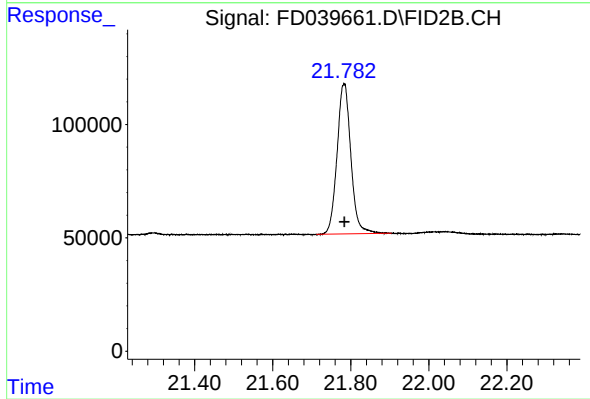
R.T.: 20.125 min
Delta R.T.: -0.003 min
Response: 1986952
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: -0.003 min
Response: 1865544
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: -0.001 min
Response: 1628525
Conc: 16.89 ug/ml