

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041822AL\
 Data File : FD041986.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2022 23:00
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 04:35:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.211	3525174	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	12.650	2733078	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.080	3197316	21.735 ug/ml
2) T n-Decane (C10)	4.126	3192923	21.866 ug/ml
3) T A~Naphthalene (C11.7)	5.676	3369915	21.574 ug/ml
4) T n-Dodecane (C12)	6.121	3341323	22.182 ug/ml
5) T A~2-methylnaphthalene...	6.723	3346795	21.516 ug/ml
6) T n-Tetradecane (C14)	7.898	3349214	21.988 ug/ml
7) T n-Hexadecane (C16)	9.483	3365402	21.826 ug/ml
8) T n-Octadecane (C18)	10.913	3363312	21.347 ug/ml
10) T n-Eicosane (C20)	12.213	3280076	20.735 ug/ml
11) T n-Heneicosane (C21)	12.820	3214919	20.076 ug/ml
13) T n-Docosane (C22)	13.403	3290901	20.490 ug/ml
14) T n-Tetracosane (C24)	14.497	3332146	20.614 ug/ml
15) T n-Hexacosane (C26)	15.514	3340794	20.684 ug/ml
16) T n-Octacosane (C28)	16.456	3455940	21.469 ug/ml
17) T n-Tricontane (C30)	17.338	3504210	22.236 ug/ml
18) T n-Dotriacontane (C32)	18.165	3304526	22.269 ug/ml
19) T n-Tetratriacontane (C34)	18.945	2935524	21.909 ug/ml
20) T n-Hexatriacontane (C36)	19.680	2568932	21.454 ug/ml
21) T n-Octatriacontane (C38)	20.377	2380830	21.511 ug/ml
22) T n-Tetracontane (C40)	21.149	2297779	21.342 ug/ml

(f)=RT Delta > 1/2 Window

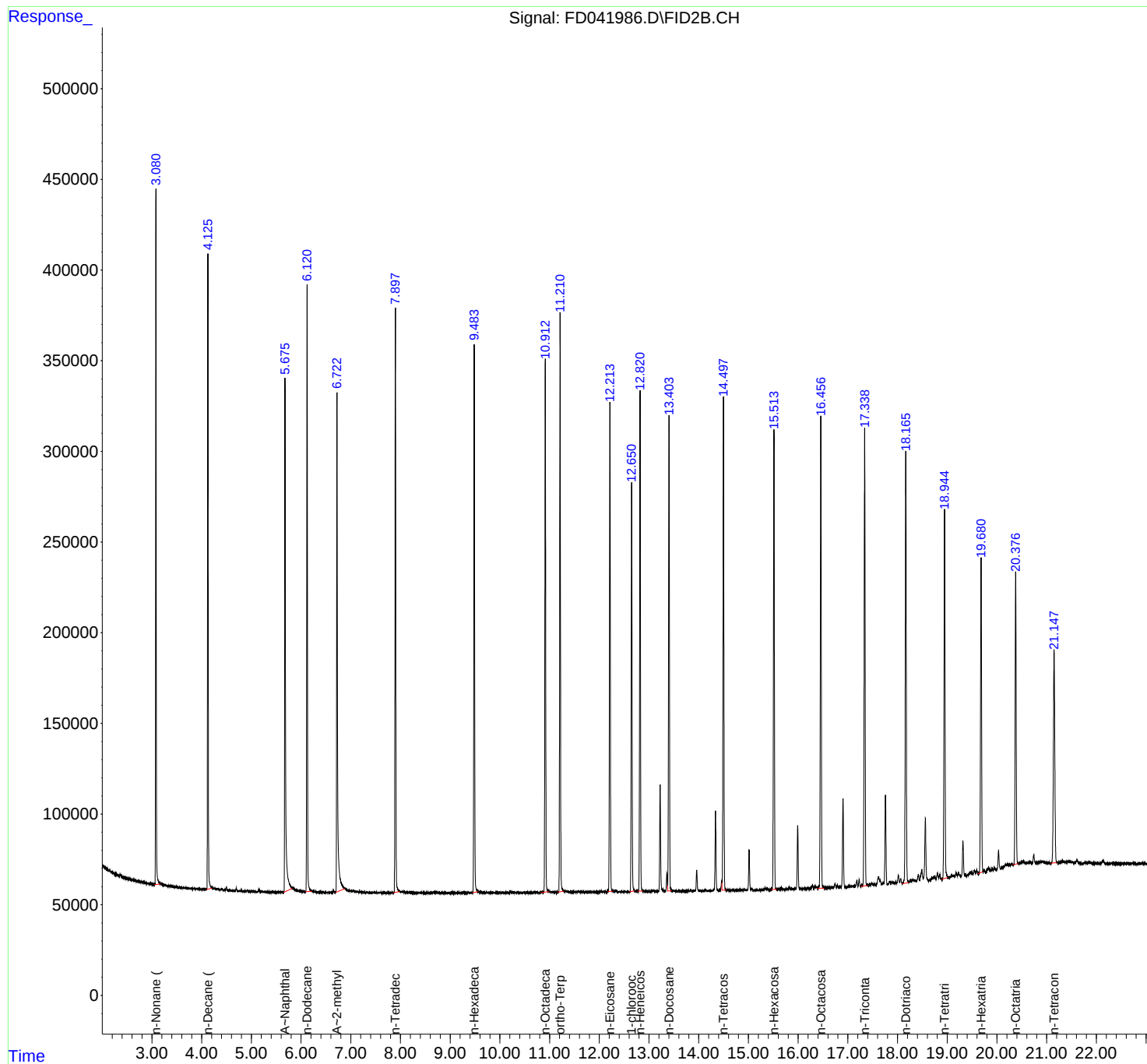
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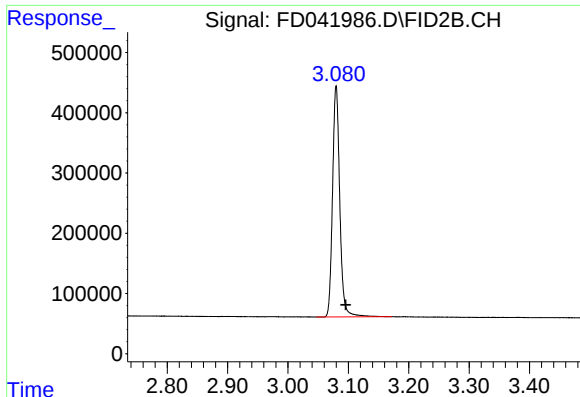
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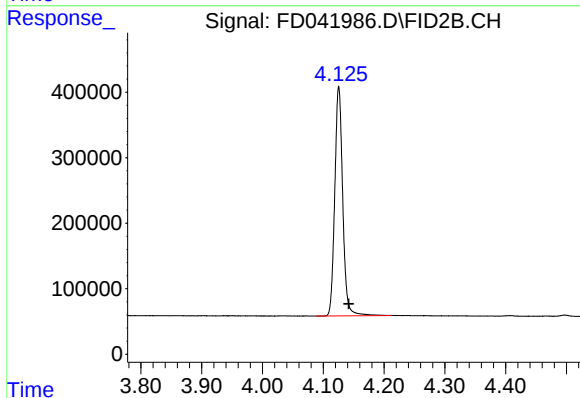




#1 n-Nonane (C9)

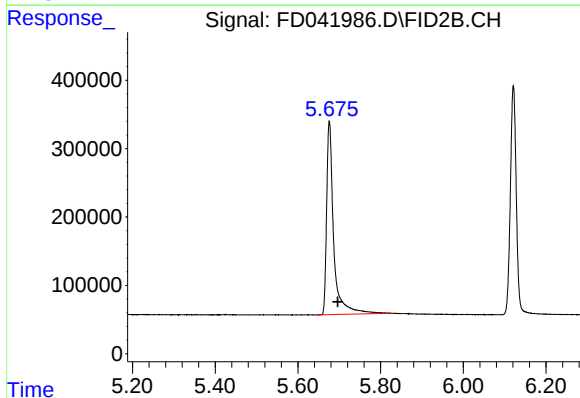
R.T.: 3.080 min
Delta R.T.: -0.016 min
Response: 3197316
Conc: 21.74 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



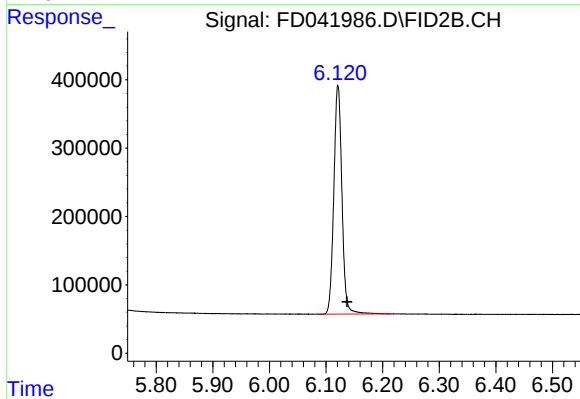
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 3192923
Conc: 21.87 ug/ml



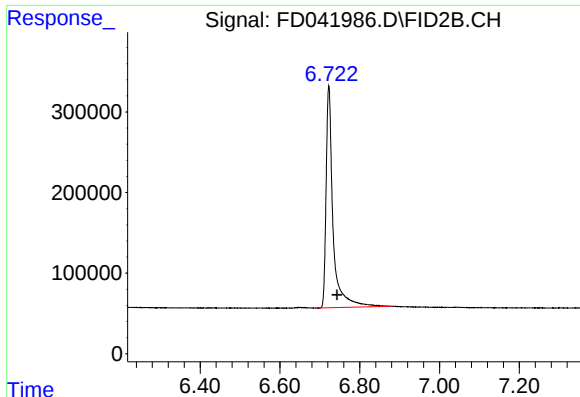
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.020 min
Response: 3369915
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

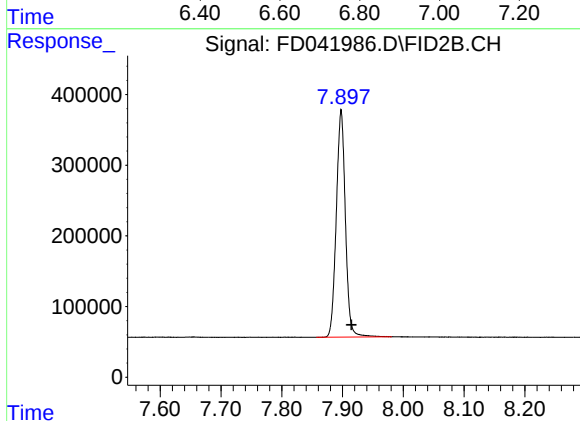
R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 3341323
Conc: 22.18 ug/ml



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

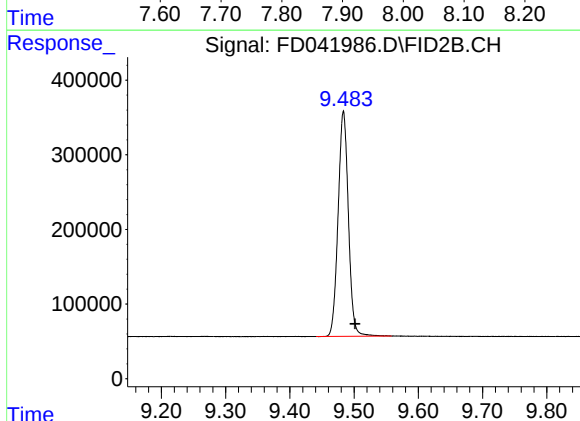
R.T.: 6.723 min
Delta R.T.: -0.021 min
Response: 3346795
Conc: 21.52 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



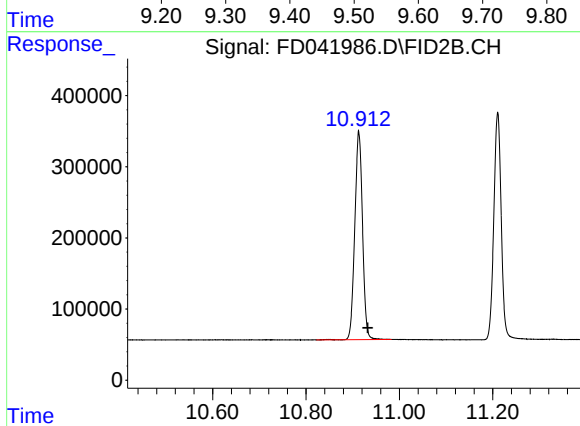
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: -0.017 min
Response: 3349214
Conc: 21.99 ug/ml



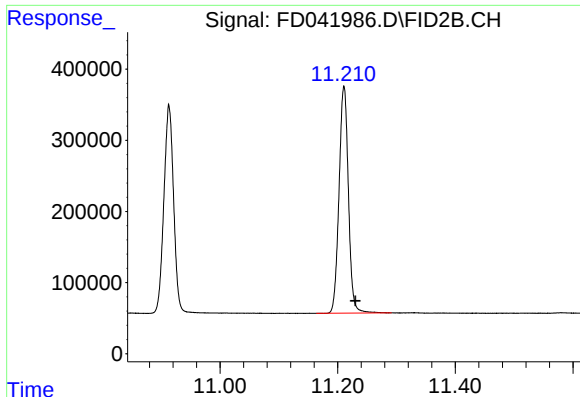
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: -0.018 min
Response: 3365402
Conc: 21.83 ug/ml



#8 n-Octadecane (C18)

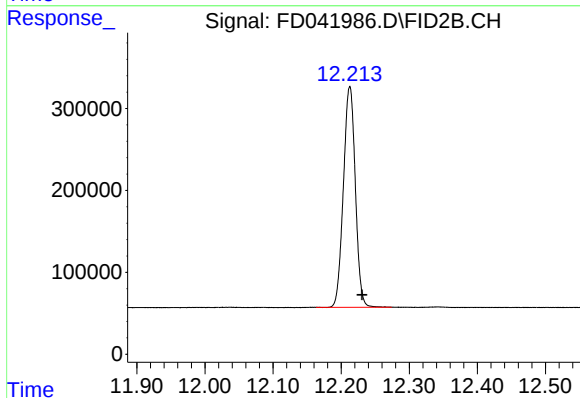
R.T.: 10.913 min
Delta R.T.: -0.019 min
Response: 3363312
Conc: 21.35 ug/ml



#9 ortho-Terphenyl (SURR)

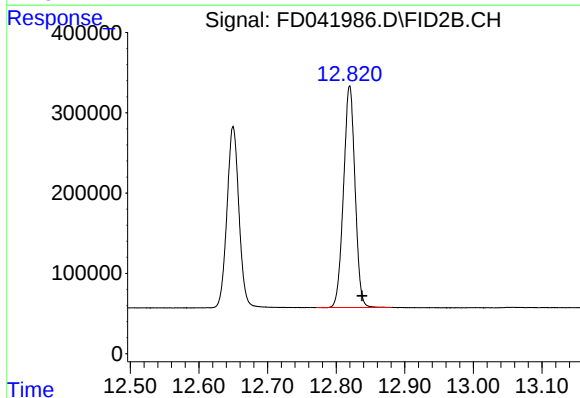
R.T.: 11.211 min
Delta R.T.: -0.019 min
Response: 3525174
Conc: 19.88 ug/ml

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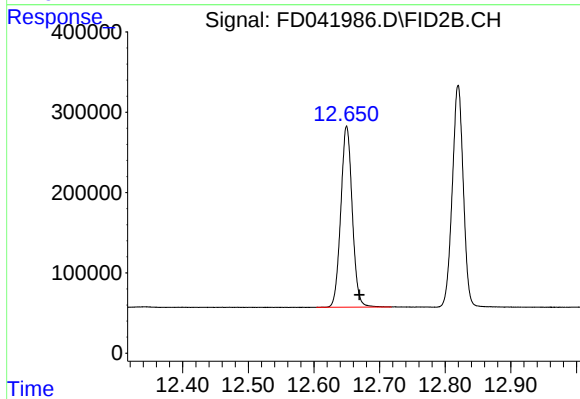
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: -0.018 min
Response: 3280076
Conc: 20.73 ug/ml



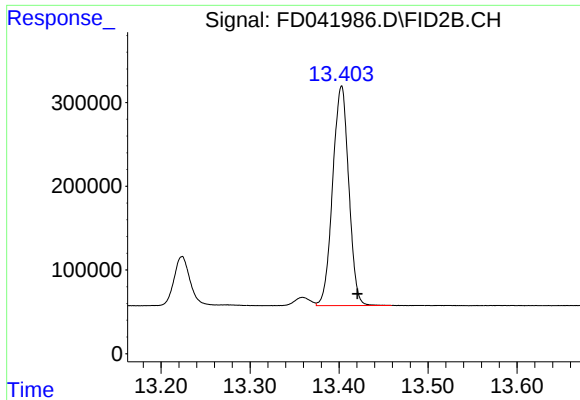
#11 n-Heneicosane (C21)

R.T.: 12.820 min
Delta R.T.: -0.018 min
Response: 3214919
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

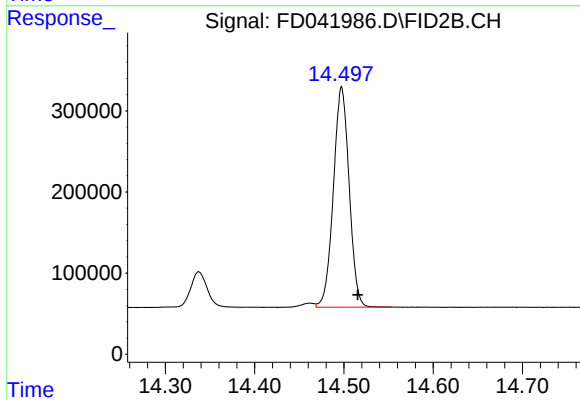
R.T.: 12.650 min
Delta R.T.: -0.019 min
Response: 2733078
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

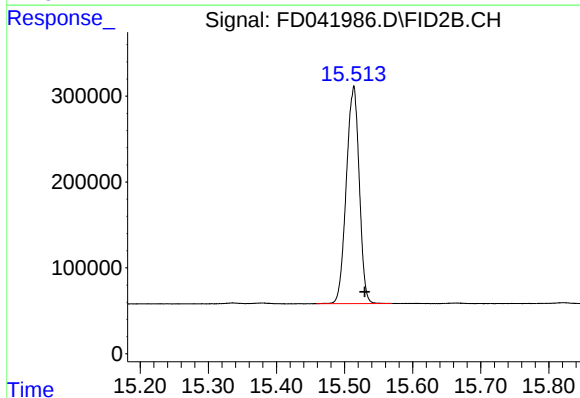
R.T.: 13.403 min
Delta R.T.: -0.018 min
Response: 3290901
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



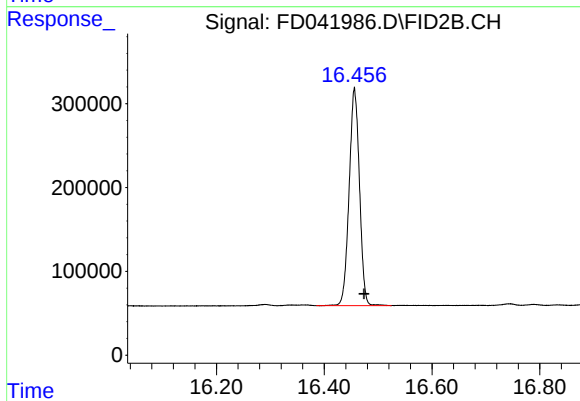
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: -0.018 min
Response: 3332146
Conc: 20.61 ug/ml



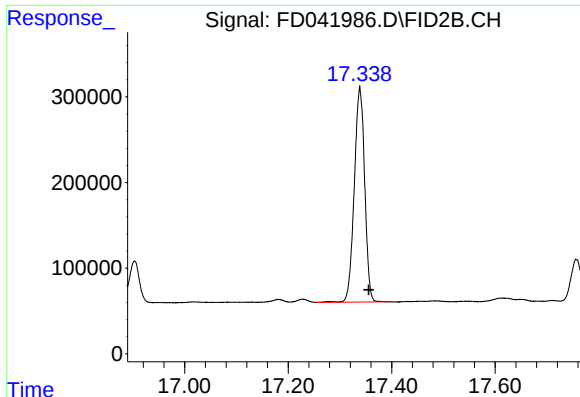
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: -0.016 min
Response: 3340794
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

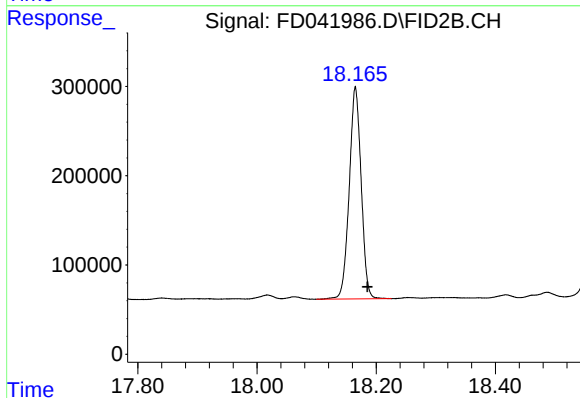
R.T.: 16.456 min
Delta R.T.: -0.018 min
Response: 3455940
Conc: 21.47 ug/ml



#17 n-Tricontane (C30)

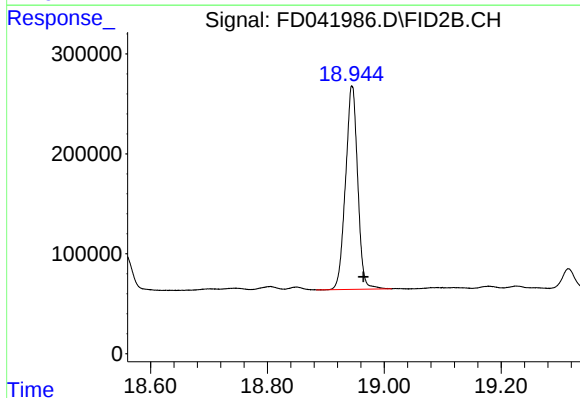
R.T.: 17.338 min
Delta R.T.: -0.017 min
Response: 3504210
Conc: 22.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



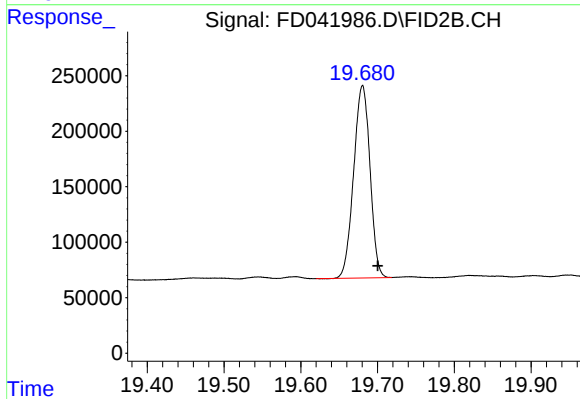
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: -0.020 min
Response: 3304526
Conc: 22.27 ug/ml



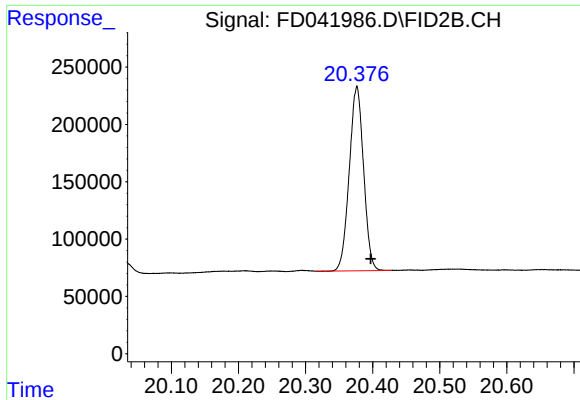
#19 n-Tetratriacontane (C34)

R.T.: 18.945 min
Delta R.T.: -0.019 min
Response: 2935524
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

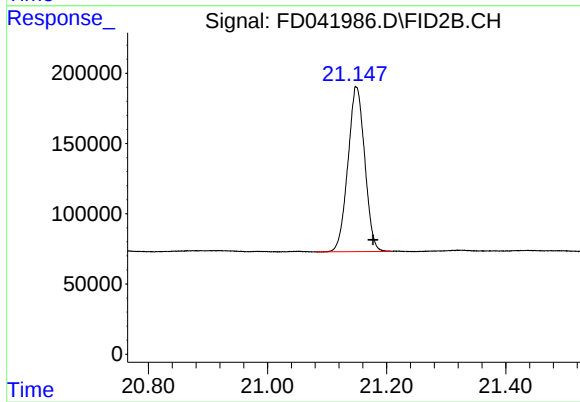
R.T.: 19.680 min
Delta R.T.: -0.020 min
Response: 2568932
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: -0.020 min
Response: 2380830
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.149 min
Delta R.T.: -0.028 min
Response: 2297779
Conc: 21.34 ug/ml