

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011222AL\
 Data File : FD040563.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2022 9:50
 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: Jan 13 01:17:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.621	3163237	20.515 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	12.059	2393778	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	2.571	2660377	20.722 ug/ml
2) T n-Decane (C10)	3.556	2711587	21.058 ug/ml
3) T A~Naphthalene (C11.7)	5.087	3016699	21.234 ug/ml
4) T n-Dodecane (C12)	5.525	2755107	21.556 ug/ml
5) T A~2-methylnaphthalene...	6.127	3050850	21.626 ug/ml
6) T n-Tetradecane (C14)	7.301	2832035	21.862 ug/ml
7) T n-Hexadecane (C16)	8.890	2851670	21.888 ug/ml
8) T n-Octadecane (C18)	10.321	2905067	21.439 ug/ml
10) T n-Eicosane (C20)	11.621	2867149	21.079 ug/ml
11) T n-Heneicosane (C21)	12.229	2825784	20.406 ug/ml
13) T n-Docosane (C22)	12.811	2914114	21.134 ug/ml
14) T n-Tetracosane (C24)	13.908	3079862	22.027 ug/ml
15) T n-Hexacosane (C26)	14.923	3082175	22.360 ug/ml
16) T n-Octacosane (C28)	15.867	3113291	22.945 ug/ml
17) T n-Tricontane (C30)	16.750	3065468	23.519 ug/ml
18) T n-Dotriacontane (C32)	17.579	2804966	23.464 ug/ml
19) T n-Tetratriacontane (C34)	18.359	2458710	23.351 ug/ml
20) T n-Hexatriacontane (C36)	19.095	2126857	20.989 ug/ml
21) T n-Octatriacontane (C38)	19.794	1951541	21.843 ug/ml
22) T n-Tetracontane (C40)	20.594	1931243	22.592 ug/ml

(f)=RT Delta > 1/2 Window

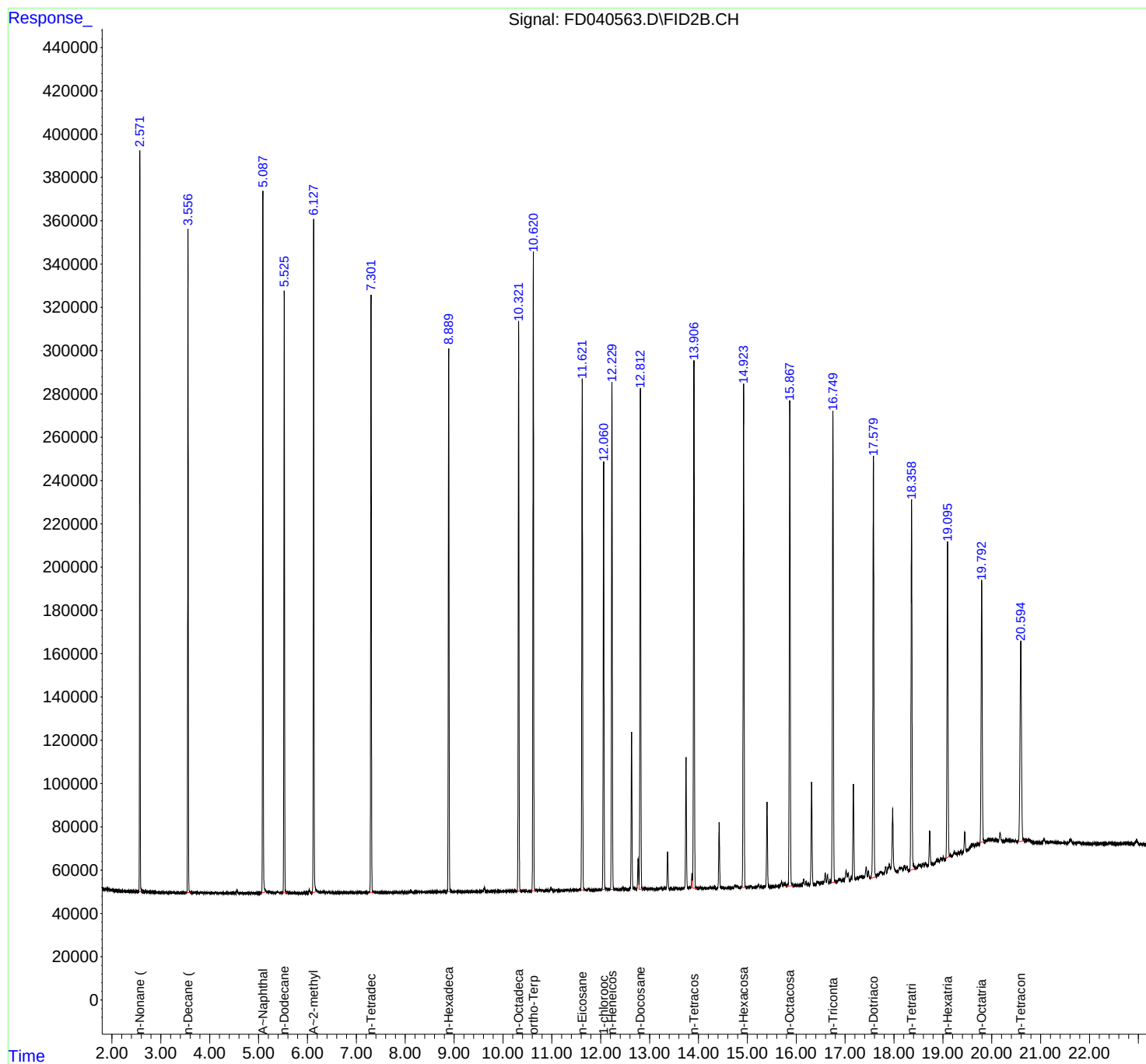
(m)=manual int.

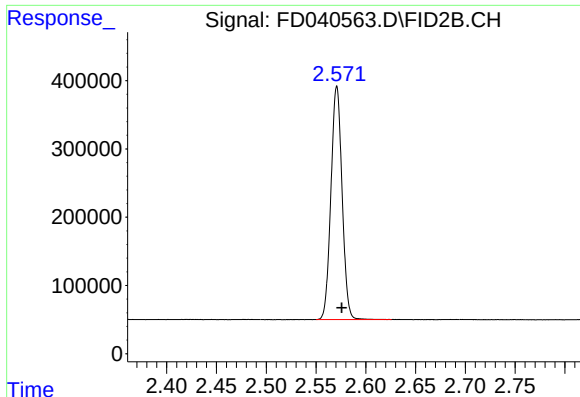
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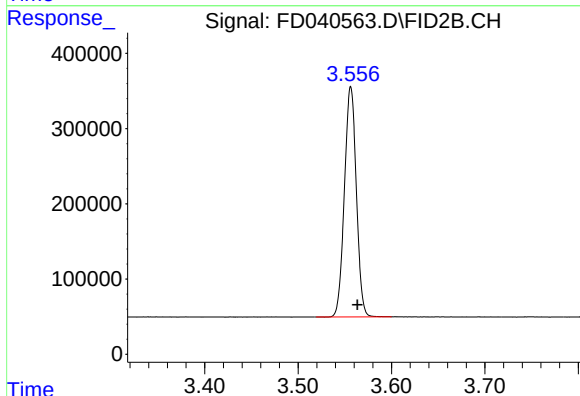




#1 n-Nonane (C9)

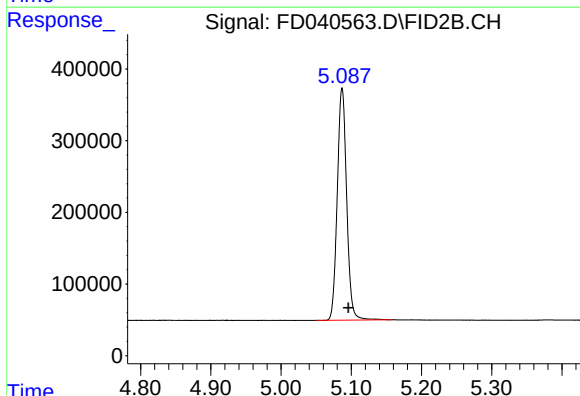
R.T.: 2.571 min
Delta R.T.: -0.005 min
Response: 2660377
Conc: 20.72 ug/ml

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20 PPM ALIPHATIC HC STD



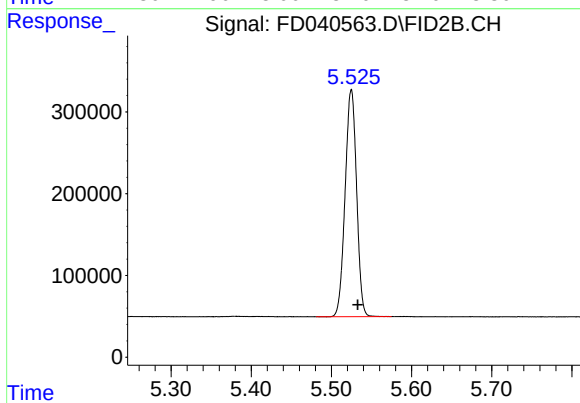
#2 n-Decane (C10)

R.T.: 3.556 min
Delta R.T.: -0.007 min
Response: 2711587
Conc: 21.06 ug/ml



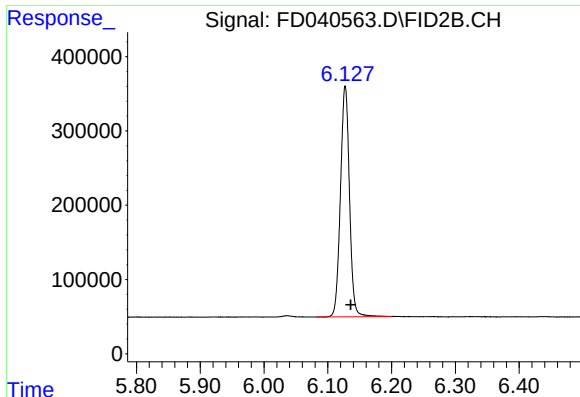
#3 A~Naphthalene (C11.7)

R.T.: 5.087 min
Delta R.T.: -0.009 min
Response: 3016699
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

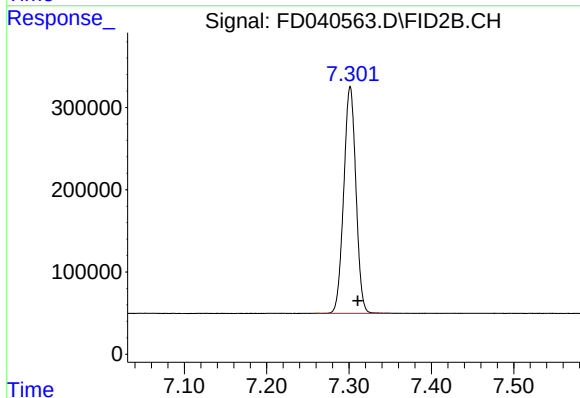
R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 2755107
Conc: 21.56 ug/ml



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

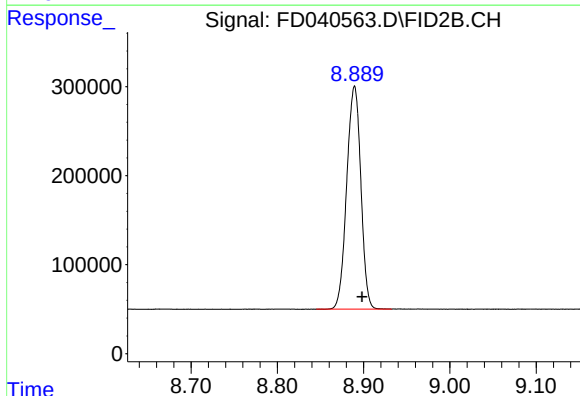
R.T.: 6.127 min
Delta R.T.: -0.009 min
Response: 3050850
Conc: 21.63 ug/ml

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20 PPM ALIPHATIC HC STD



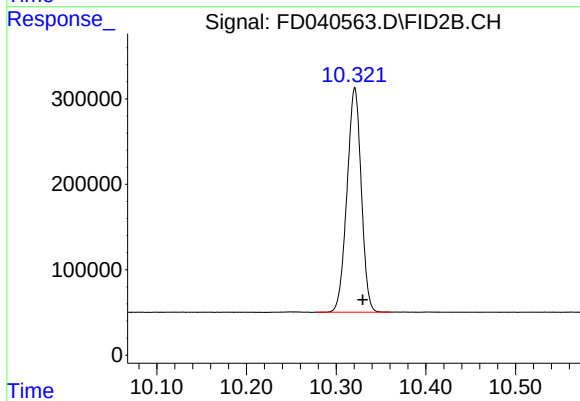
#6 n-Tetradecane (C14)

R.T.: 7.301 min
Delta R.T.: -0.009 min
Response: 2832035
Conc: 21.86 ug/ml



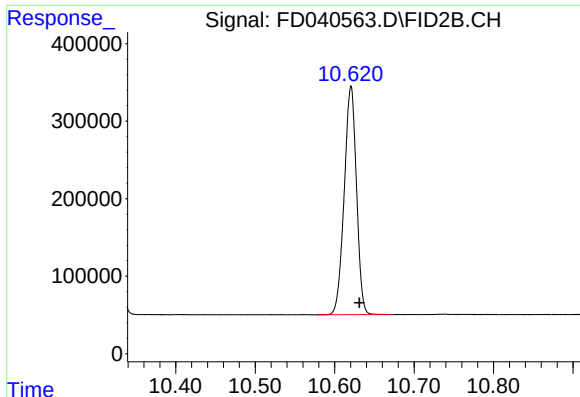
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: -0.009 min
Response: 2851670
Conc: 21.89 ug/ml



#8 n-Octadecane (C18)

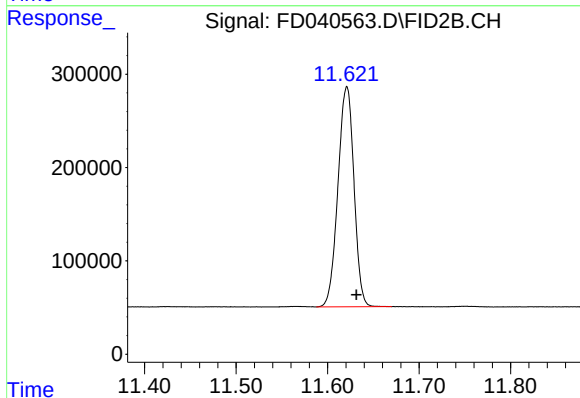
R.T.: 10.321 min
Delta R.T.: -0.009 min
Response: 2905067
Conc: 21.44 ug/ml



#9 ortho-Terphenyl (SURR)

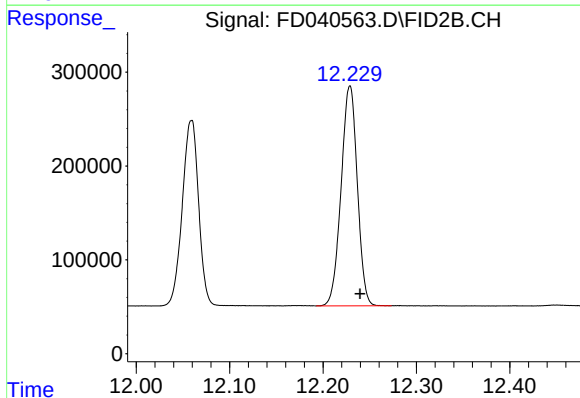
R.T.: 10.621 min
Delta R.T.: -0.010 min
Response: 3163237
Conc: 20.52 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



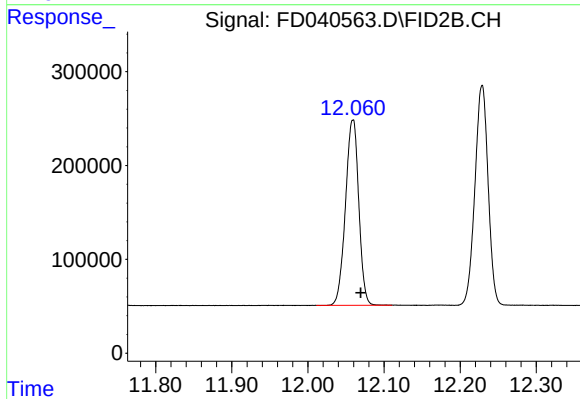
#10 n-Eicosane (C20)

R.T.: 11.621 min
Delta R.T.: -0.011 min
Response: 2867149
Conc: 21.08 ug/ml



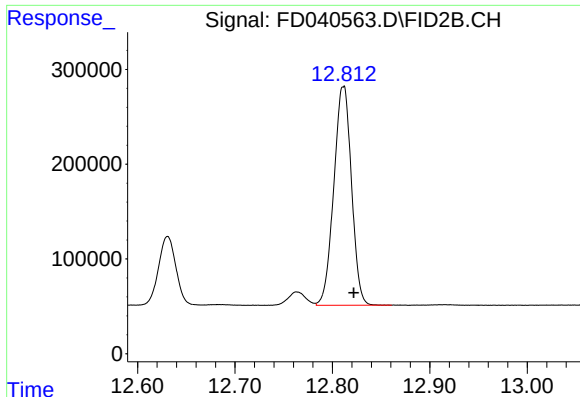
#11 n-Heneicosane (C21)

R.T.: 12.229 min
Delta R.T.: -0.011 min
Response: 2825784
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

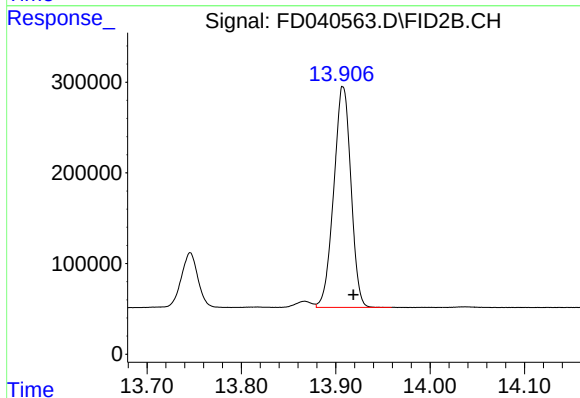
R.T.: 12.059 min
Delta R.T.: -0.010 min
Response: 2393778
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

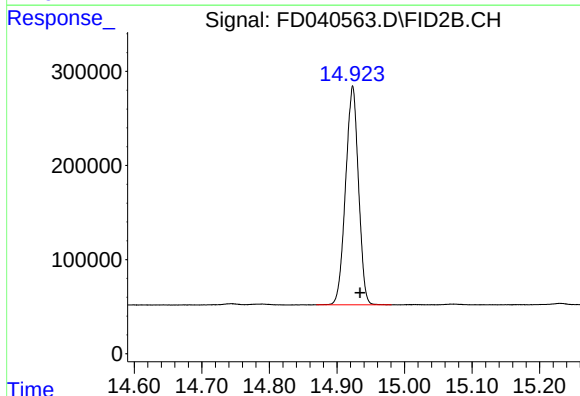
R.T.: 12.811 min
Delta R.T.: -0.011 min
Response: 2914114
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



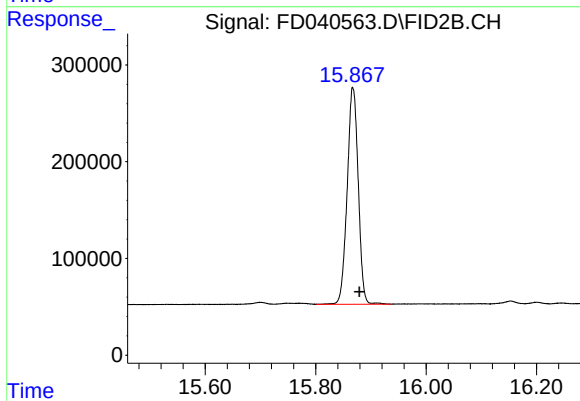
#14 n-Tetracosane (C24)

R.T.: 13.908 min
Delta R.T.: -0.011 min
Response: 3079862
Conc: 22.03 ug/ml



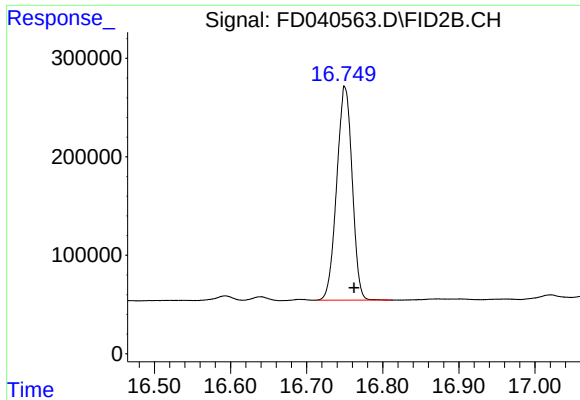
#15 n-Hexacosane (C26)

R.T.: 14.923 min
Delta R.T.: -0.011 min
Response: 3082175
Conc: 22.36 ug/ml



#16 n-Octacosane (C28)

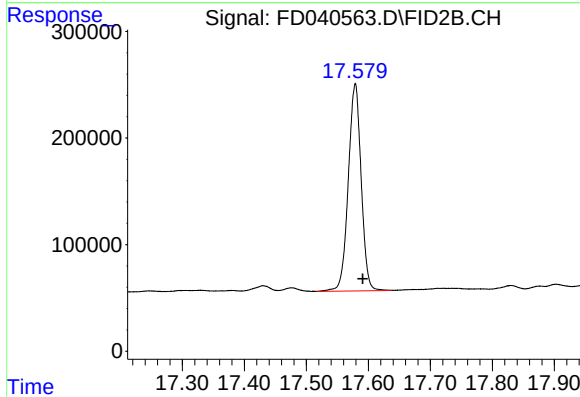
R.T.: 15.867 min
Delta R.T.: -0.012 min
Response: 3113291
Conc: 22.94 ug/ml



#17 n-Tricontane (C30)

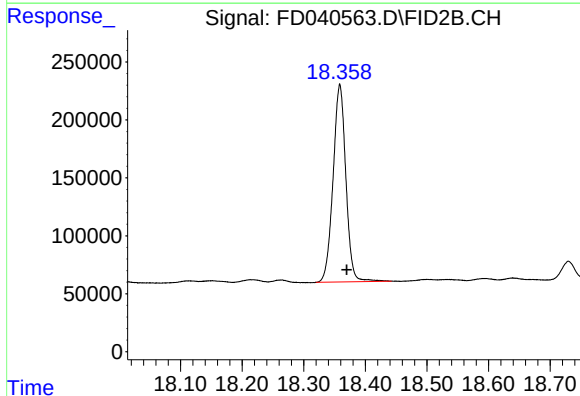
R.T.: 16.750 min
Delta R.T.: -0.012 min
Response: 3065468
Conc: 23.52 ug/ml

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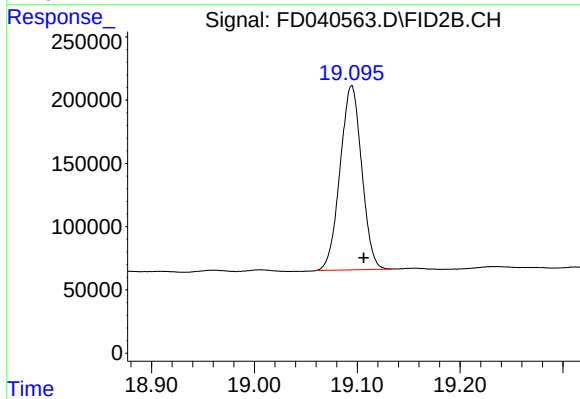
#18 n-Dotriacontane (C32)

R.T.: 17.579 min
Delta R.T.: -0.012 min
Response: 2804966
Conc: 23.46 ug/ml



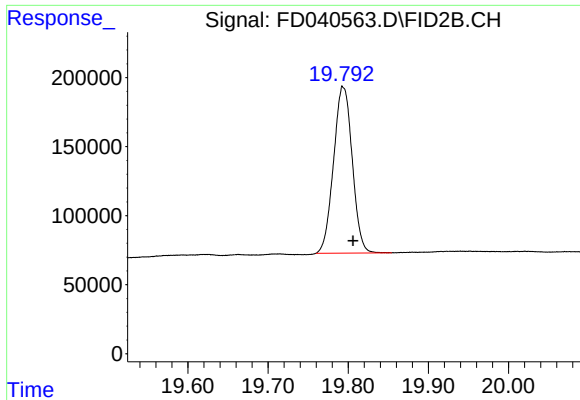
#19 n-Tetratriacontane (C34)

R.T.: 18.359 min
Delta R.T.: -0.011 min
Response: 2458710
Conc: 23.35 ug/ml



#20 n-Hexatriacontane (C36)

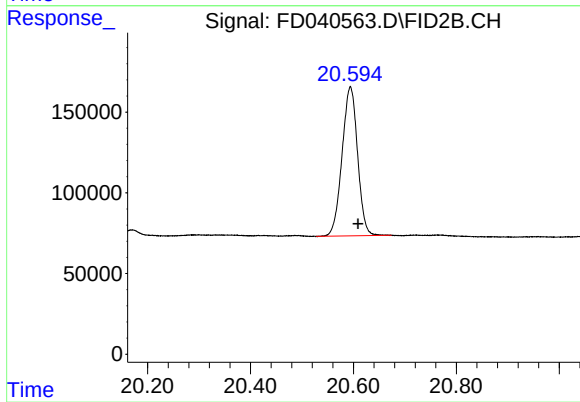
R.T.: 19.095 min
Delta R.T.: -0.012 min
Response: 2126857
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 1951541
Conc: 21.84 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.594 min
Delta R.T.: -0.015 min
Response: 1931243
Conc: 22.59 ug/ml