

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040504.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jan 2022 12:26
 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: autoint1.e
 Quant Time: Jan 11 02:07:11 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)	10.624	3230876	20.954 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	12.062	2460902	20.907 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	2.572	2646167	20.612 ug/ml
2) T n-Decane (C10)	3.558	2693840	20.920 ug/ml
3) T A~Naphthalene (C11.7)	5.089	3005196	21.153 ug/ml
4) T n-Dodecane (C12)	5.527	2737980	21.422 ug/ml
5) T A~2-methylnaphthalene...	6.129	3037689	21.533 ug/ml
6) T n-Tetradecane (C14)	7.304	2816344	21.741 ug/ml
7) T n-Hexadecane (C16)	8.892	2852784	21.897 ug/ml
8) T n-Octadecane (C18)	10.324	2930994	21.631 ug/ml
10) T n-Eicosane (C20)	11.625	2911304	21.404 ug/ml
11) T n-Heneicosane (C21)	12.232	2897762	20.926 ug/ml
13) T n-Docosane (C22)	12.815	2972626	21.558 ug/ml
14) T n-Tetracosane (C24)	13.911	3122338	22.330 ug/ml
15) T n-Hexacosane (C26)	14.926	3101478	22.500 ug/ml
16) T n-Octacosane (C28)	15.871	3081557	22.711 ug/ml
17) T n-Tricontane (C30)	16.753	2963165	22.734 ug/ml
18) T n-Dotriacontane (C32)	17.582	2674877	22.376 ug/ml
19) T n-Tetratriacontane (C34)	18.362	2358228	22.397 ug/ml
20) T n-Hexatriacontane (C36)	19.097	2105494	20.778 ug/ml
21) T n-Octatriacontane (C38)	19.796	1963102	21.972 ug/ml
22) T n-Tetracontane (C40)	20.596	1970879	23.056 ug/ml

(f)=RT Delta > 1/2 Window

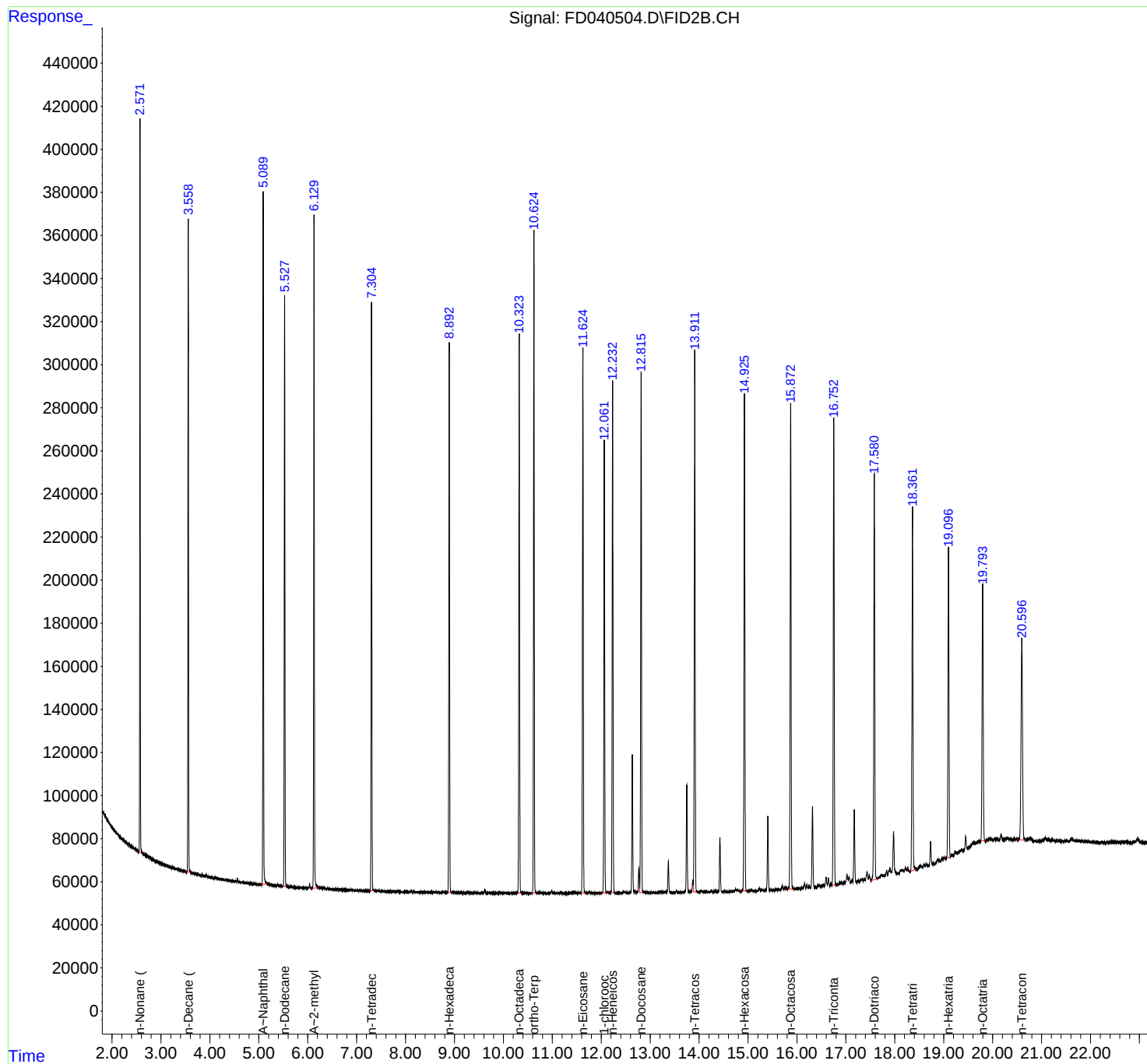
(m)=manual int.

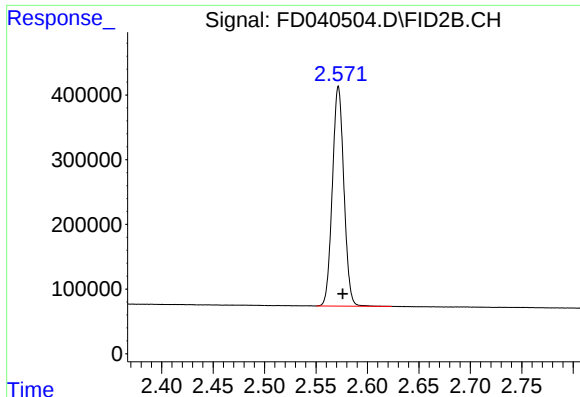
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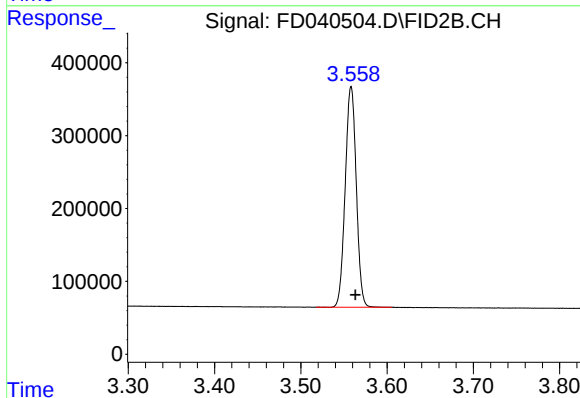




#1 n-Nonane (C9)

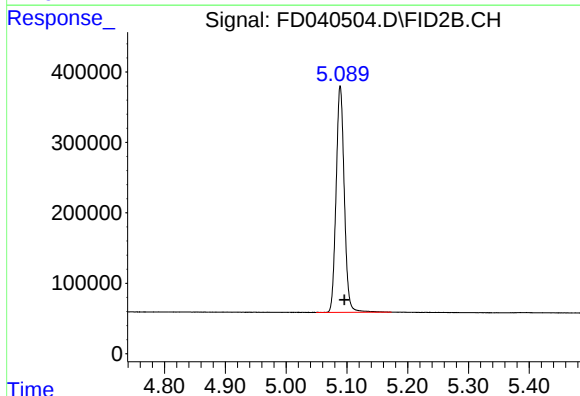
R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 2646167
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



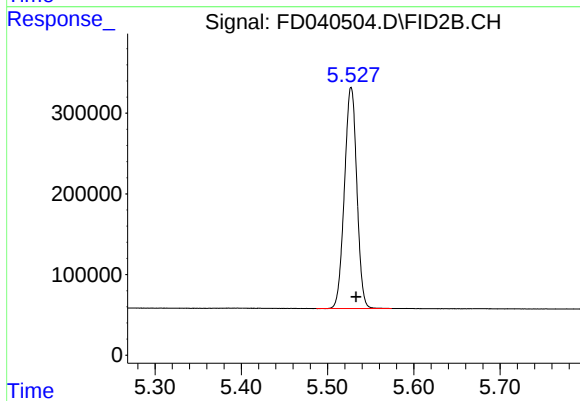
#2 n-Decane (C10)

R.T.: 3.558 min
Delta R.T.: -0.005 min
Response: 2693840
Conc: 20.92 ug/ml



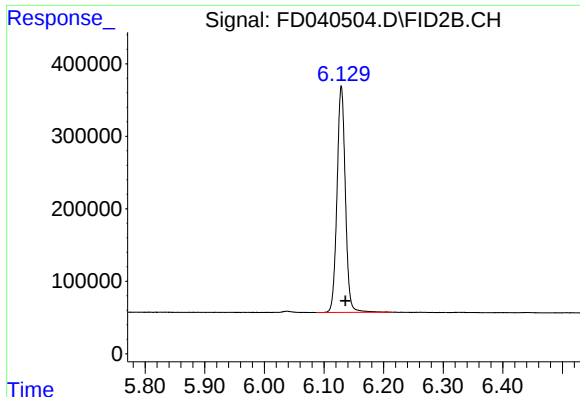
#3 A~Naphthalene (C11.7)

R.T.: 5.089 min
Delta R.T.: -0.007 min
Response: 3005196
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

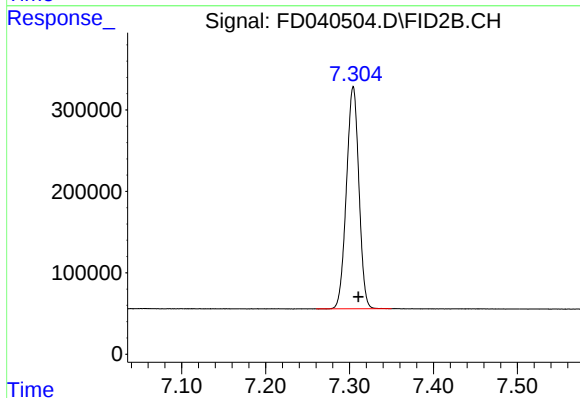
R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 2737980
Conc: 21.42 ug/ml



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

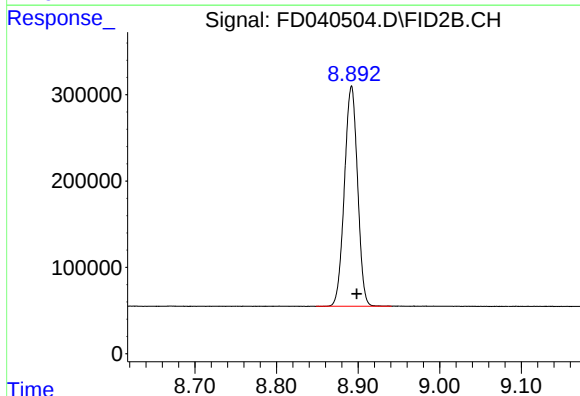
R.T.: 6.129 min
Delta R.T.: -0.007 min
Response: 3037689
Conc: 21.53 ug/ml

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20 PPM ALIPHATIC HC STD



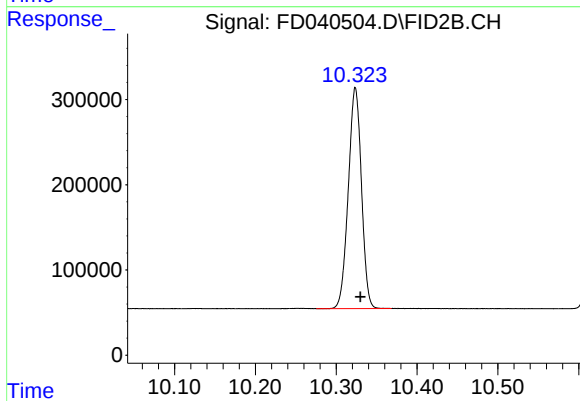
#6 n-Tetradecane (C14)

R.T.: 7.304 min
Delta R.T.: -0.006 min
Response: 2816344
Conc: 21.74 ug/ml



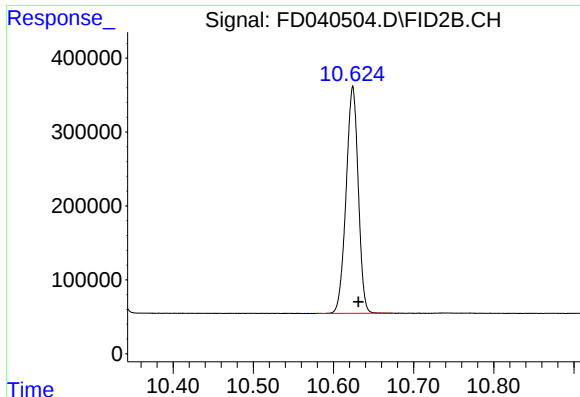
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.006 min
Response: 2852784
Conc: 21.90 ug/ml



#8 n-Octadecane (C18)

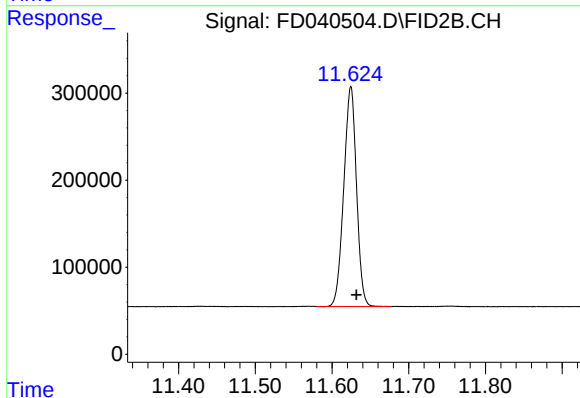
R.T.: 10.324 min
Delta R.T.: -0.006 min
Response: 2930994
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

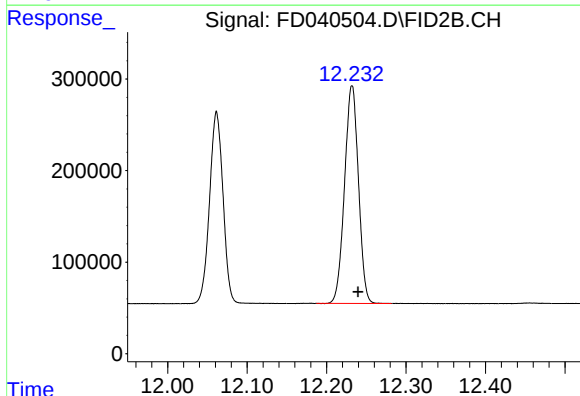
R.T.: 10.624 min
Delta R.T.: -0.007 min
Response: 3230876
Conc: 20.95 ug/ml

Instrument :
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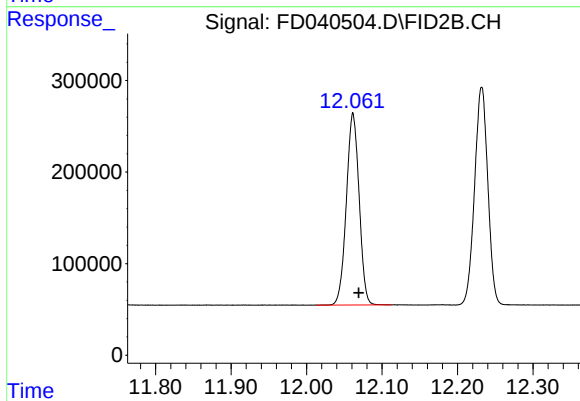
#10 n-Eicosane (C20)

R.T.: 11.625 min
Delta R.T.: -0.007 min
Response: 2911304
Conc: 21.40 ug/ml



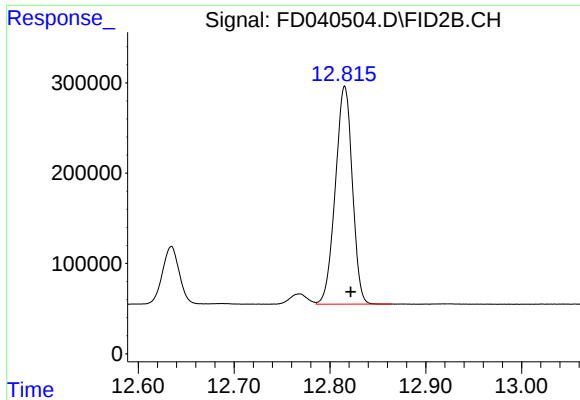
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.008 min
Response: 2897762
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

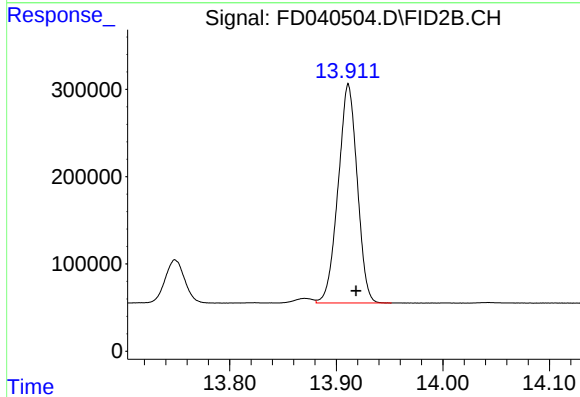
R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 2460902
Conc: 20.91 ug/ml



#13 n-Docosane (C22)

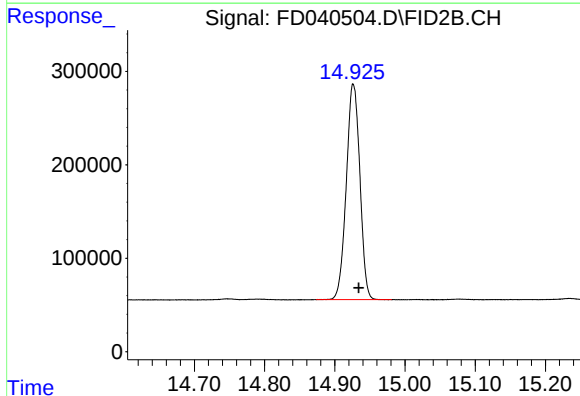
R.T.: 12.815 min
Delta R.T.: -0.006 min
Response: 2972626
Conc: 21.56 ug/ml

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20 PPM ALIPHATIC HC STD



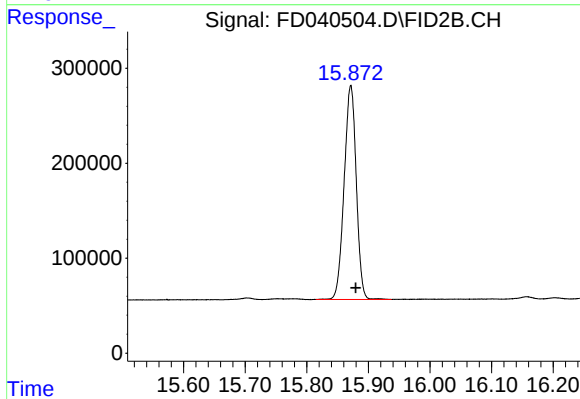
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.007 min
Response: 3122338
Conc: 22.33 ug/ml



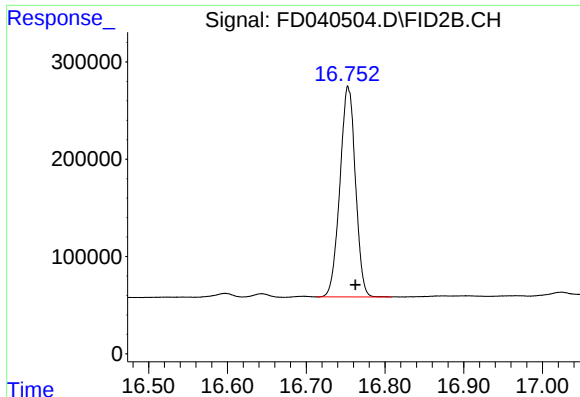
#15 n-Hexacosane (C26)

R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 3101478
Conc: 22.50 ug/ml



#16 n-Octacosane (C28)

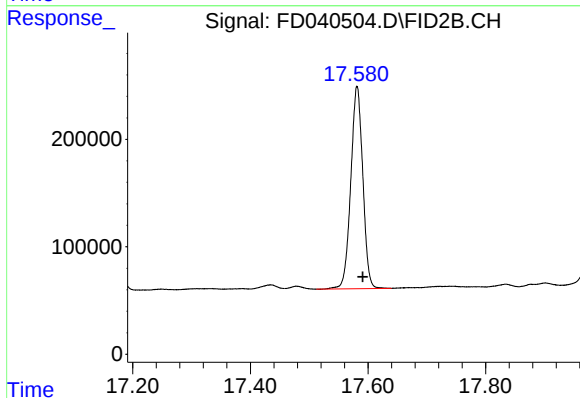
R.T.: 15.871 min
Delta R.T.: -0.008 min
Response: 3081557
Conc: 22.71 ug/ml



#17 n-Tricontane (C30)

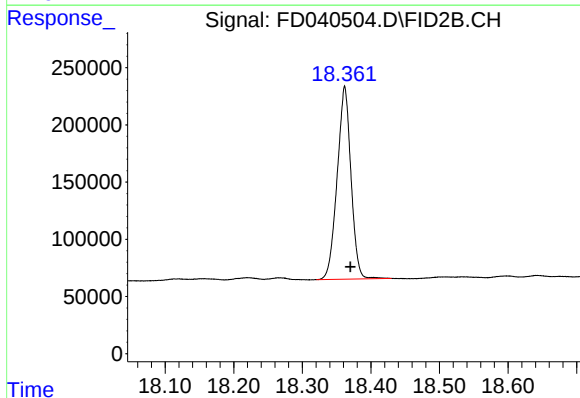
R.T.: 16.753 min
Delta R.T.: -0.009 min
Response: 2963165
Conc: 22.73 ug/ml

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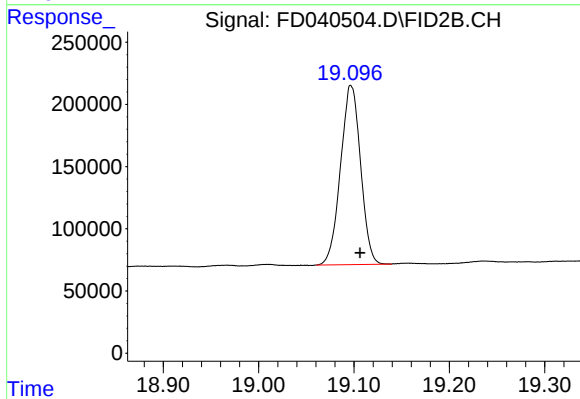
#18 n-Dotriacontane (C32)

R.T.: 17.582 min
Delta R.T.: -0.010 min
Response: 2674877
Conc: 22.38 ug/ml



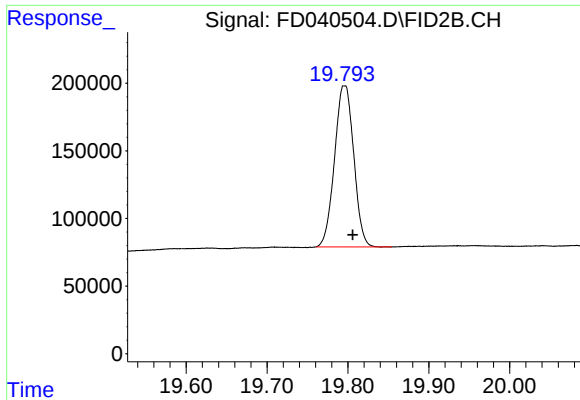
#19 n-Tetratriacontane (C34)

R.T.: 18.362 min
Delta R.T.: -0.008 min
Response: 2358228
Conc: 22.40 ug/ml



#20 n-Hexatriacontane (C36)

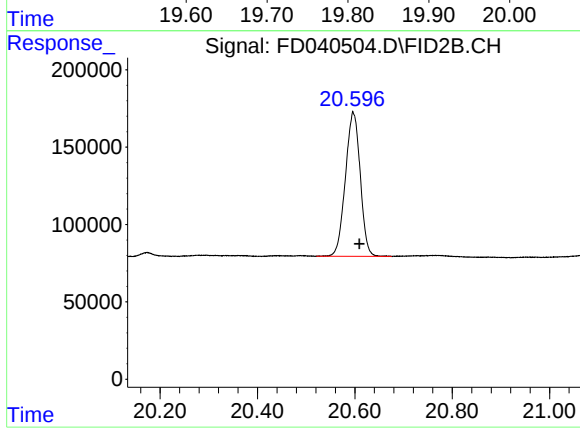
R.T.: 19.097 min
Delta R.T.: -0.010 min
Response: 2105494
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.796 min
Delta R.T.: -0.010 min
Response: 1963102
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.596 min
Delta R.T.: -0.013 min
Response: 1970879
Conc: 23.06 ug/ml