

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010622AL\
 Data File : FD040472.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 18:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 07 00:46:21 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)	10.626	3170751	20.564 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	12.064	2407585	20.454 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	2.574	2607795	20.313 ug/ml
2) T n-Decane (C10)	3.560	2648156	20.566 ug/ml
3) T A~Naphthalene (C11.7)	5.092	2936203	20.667 ug/ml
4) T n-Dodecane (C12)	5.529	2672051	20.906 ug/ml
5) T A~2-methylnaphthalene...	6.131	2965965	21.024 ug/ml
6) T n-Tetradecane (C14)	7.306	2742111	21.168 ug/ml
7) T n-Hexadecane (C16)	8.893	2768044	21.246 ug/ml
8) T n-Octadecane (C18)	10.325	2839834	20.958 ug/ml
10) T n-Eicosane (C20)	11.626	2798938	20.577 ug/ml
11) T n-Heneicosane (C21)	12.234	2807364	20.273 ug/ml
13) T n-Docosane (C22)	12.817	2773684	20.116 ug/ml
14) T n-Tetracosane (C24)	13.913	2741770	19.609 ug/ml
15) T n-Hexacosane (C26)	14.928	2621876	19.020 ug/ml
16) T n-Octacosane (C28)	15.872	2560627	18.872 ug/ml
17) T n-Tricontane (C30)	16.755	2509420	19.253 ug/ml
18) T n-Dotriacontane (C32)	17.585	2344149	19.609 ug/ml
19) T n-Tetratriacontane (C34)	18.363	2173670	20.644 ug/ml
20) T n-Hexatriacontane (C36)	19.099	2019088	19.926 ug/ml
21) T n-Octatriacontane (C38)	19.800	1896474	21.226 ug/ml
22) T n-Tetracontane (C40)	20.600	1903382	22.267 ug/ml

(f)=RT Delta > 1/2 Window

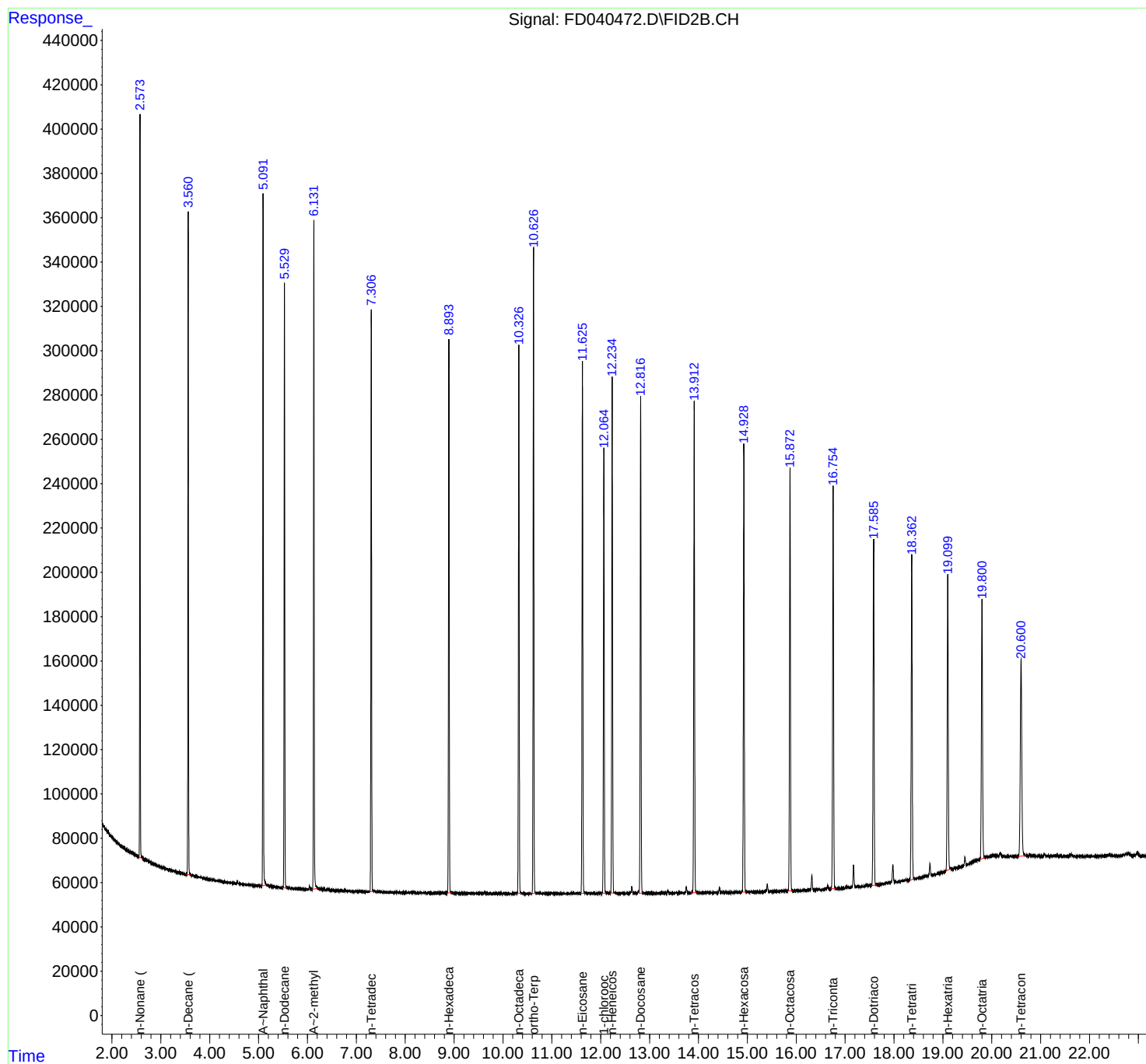
(m)=manual int.

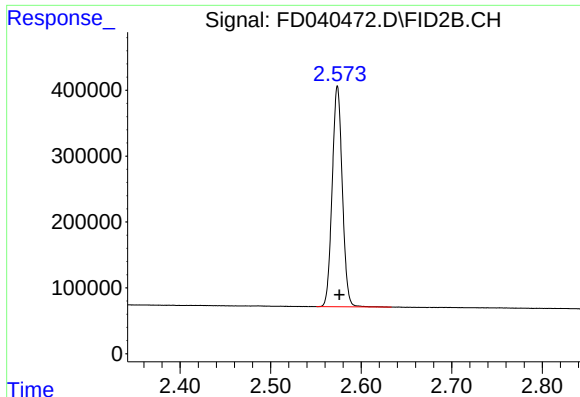
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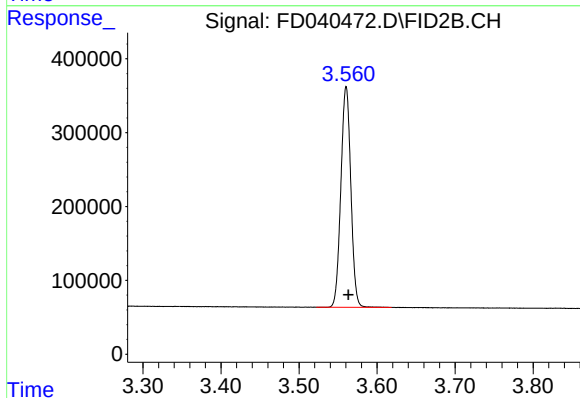




#1 n-Nonane (C9)

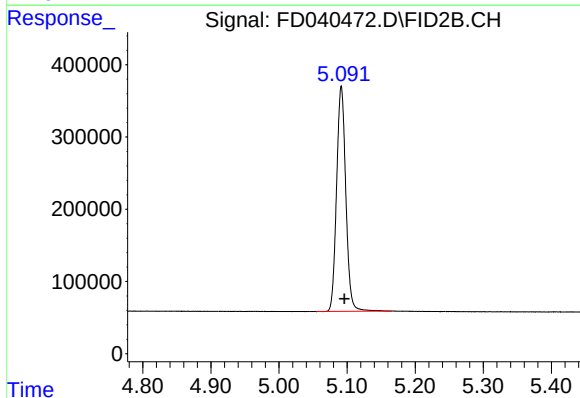
R.T.: 2.574 min
Delta R.T.: -0.002 min
Response: 2607795
Conc: 20.31 ug/ml

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20 PPM ALIPHATIC HC STD



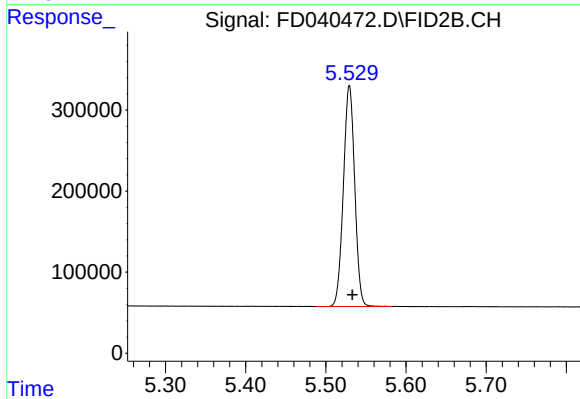
#2 n-Decane (C10)

R.T.: 3.560 min
Delta R.T.: -0.003 min
Response: 2648156
Conc: 20.57 ug/ml



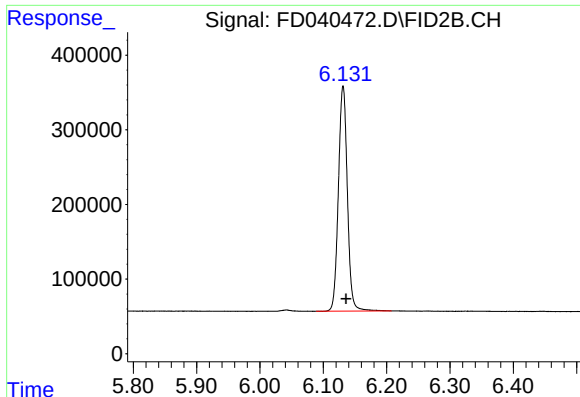
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 2936203
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

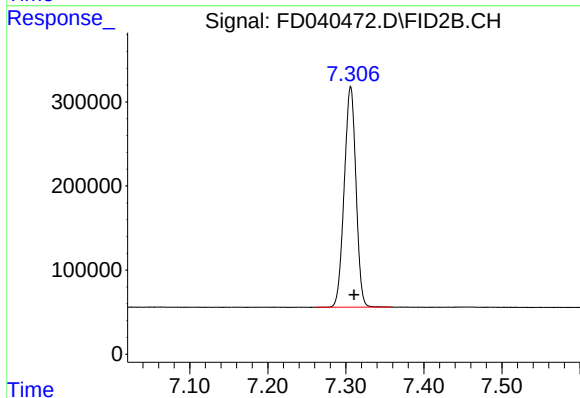
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 2672051
Conc: 20.91 ug/ml



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

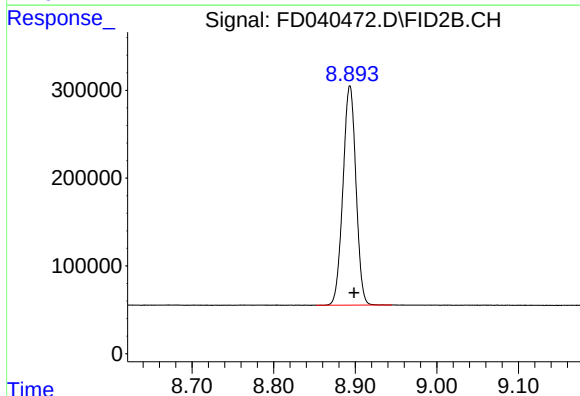
R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 2965965
Conc: 21.02 ug/ml

Instrument :
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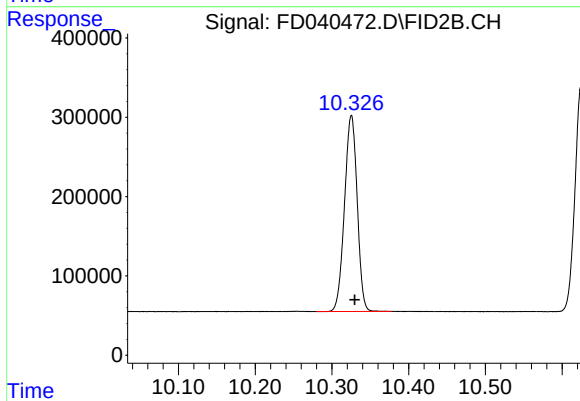
#6 n-Tetradecane (C14)

R.T.: 7.306 min
Delta R.T.: -0.005 min
Response: 2742111
Conc: 21.17 ug/ml



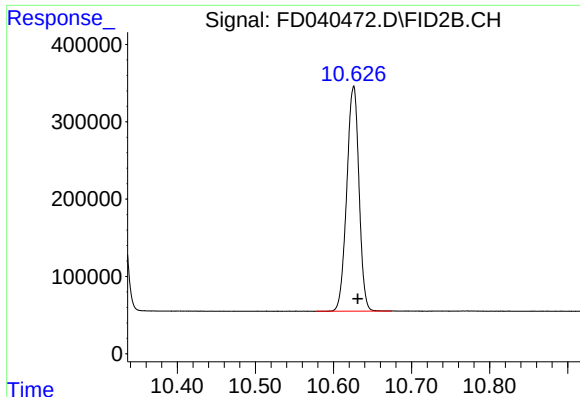
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 2768044
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

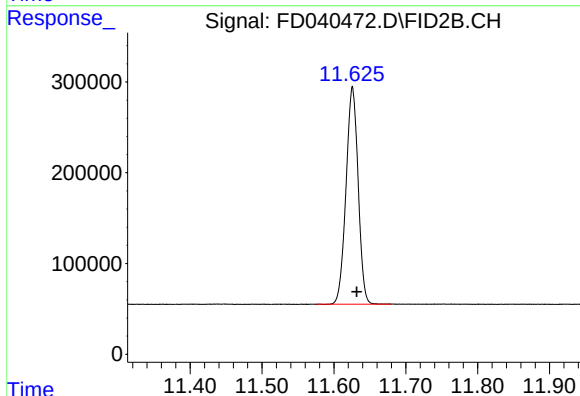
R.T.: 10.325 min
Delta R.T.: -0.004 min
Response: 2839834
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

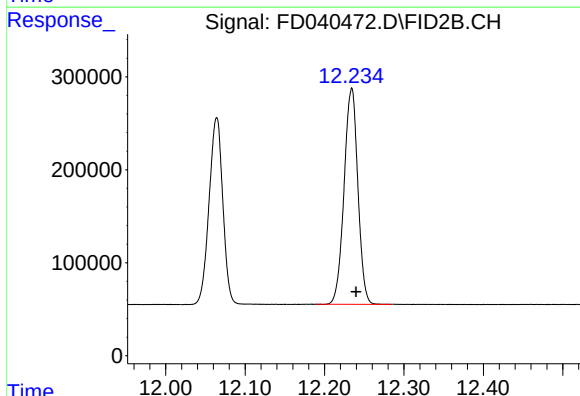
R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 3170751
Conc: 20.56 ug/ml

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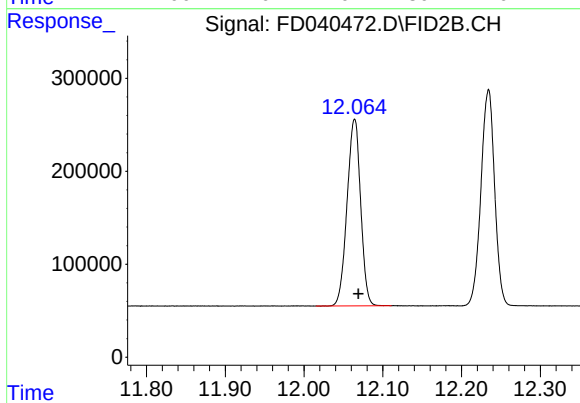
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 2798938
Conc: 20.58 ug/ml



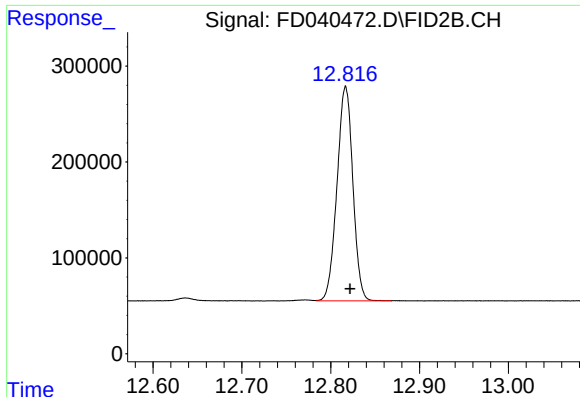
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.005 min
Response: 2807364
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

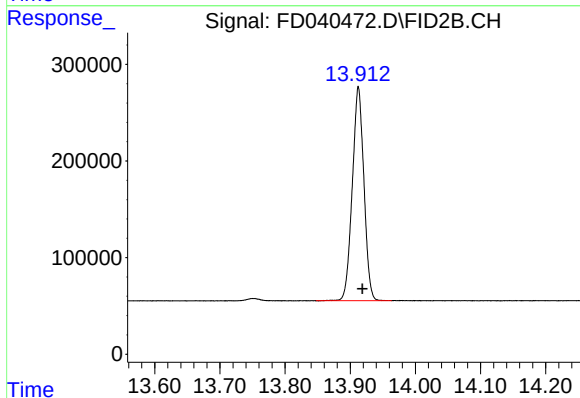
R.T.: 12.064 min
Delta R.T.: -0.005 min
Response: 2407585
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

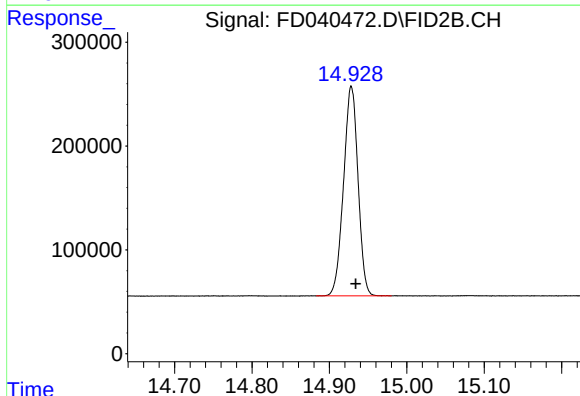
R.T.: 12.817 min
Delta R.T.: -0.005 min
Response: 2773684
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



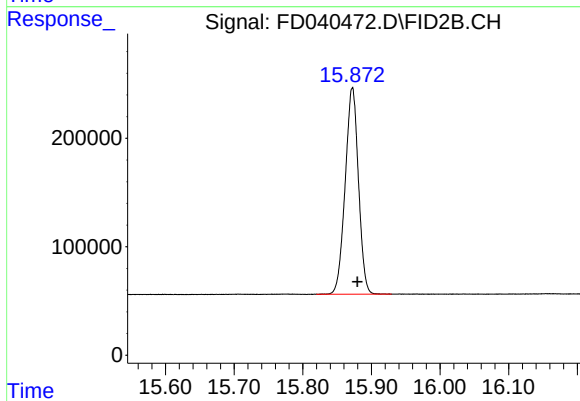
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.006 min
Response: 2741770
Conc: 19.61 ug/ml



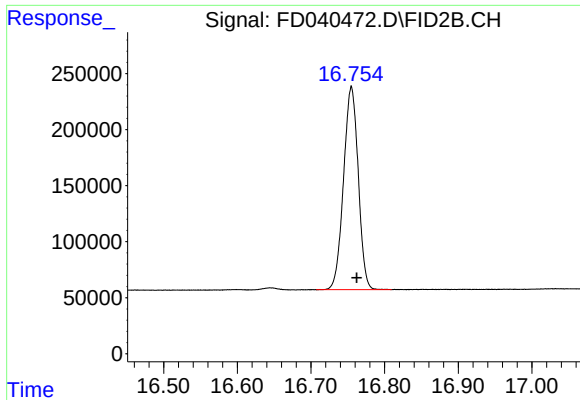
#15 n-Hexacosane (C26)

R.T.: 14.928 min
Delta R.T.: -0.006 min
Response: 2621876
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

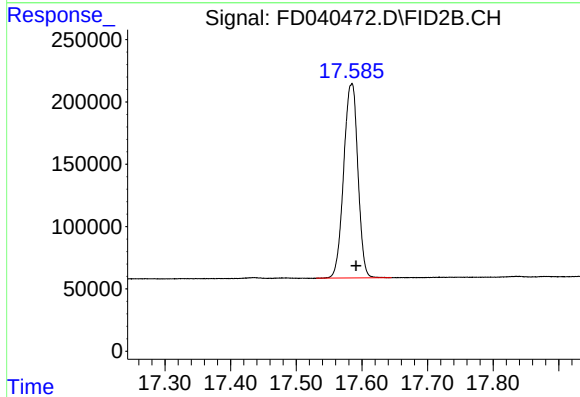
R.T.: 15.872 min
Delta R.T.: -0.007 min
Response: 2560627
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

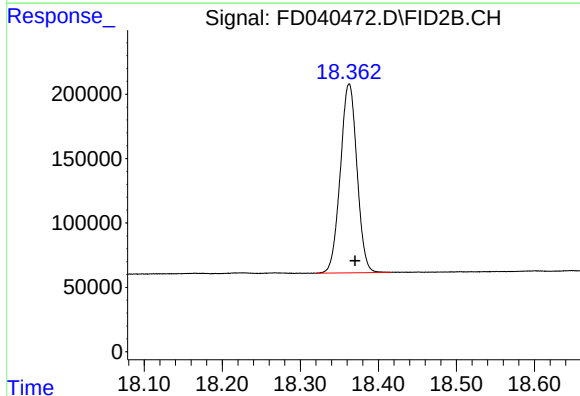
R.T.: 16.755 min
Delta R.T.: -0.007 min
Response: 2509420
Conc: 19.25 ug/ml

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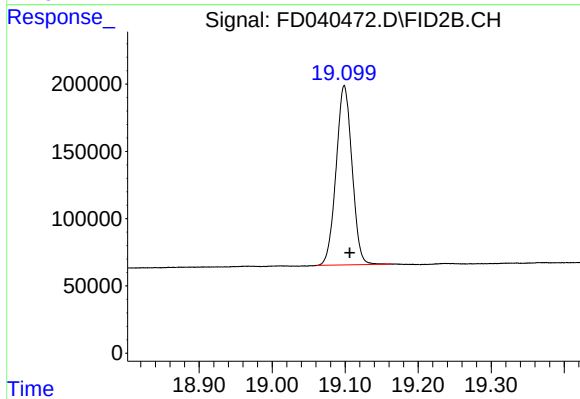
#18 n-Dotriacontane (C32)

R.T.: 17.585 min
Delta R.T.: -0.007 min
Response: 2344149
Conc: 19.61 ug/ml



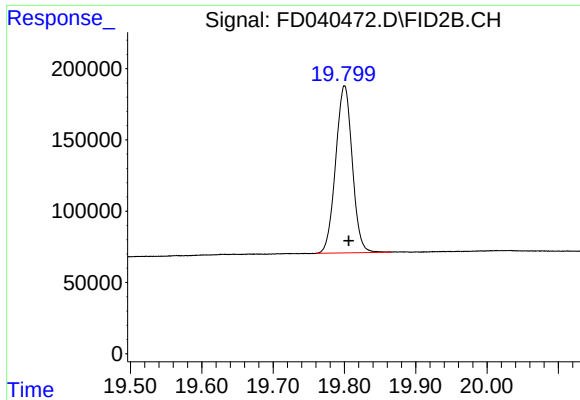
#19 n-Tetratriacontane (C34)

R.T.: 18.363 min
Delta R.T.: -0.007 min
Response: 2173670
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

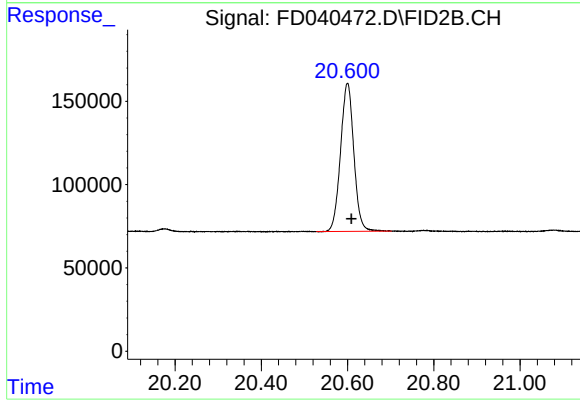
R.T.: 19.099 min
Delta R.T.: -0.008 min
Response: 2019088
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.800 min
Delta R.T.: -0.006 min
Response: 1896474
Conc: 21.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.600 min
Delta R.T.: -0.009 min
Response: 1903382
Conc: 22.27 ug/ml