

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
 Data File : FD040475.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2022 10:58
 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 07 11:32:01 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	3527488	22.878 ug/ml
Spiked Amount 50.000		Recovery =	45.76%
12) S 1-chlorooctadecane (S...	12.063	2682276	22.788 ug/ml
Spiked Amount 50.000		Recovery =	45.58%
Target Compounds			
1) T n-Nonane (C9)	2.573	2896534	22.562 ug/ml
2) T n-Decane (C10)	3.560	2943831	22.862 ug/ml
3) T A~Naphthalene (C11.7)	5.090	3280004	23.087 ug/ml
4) T n-Dodecane (C12)	5.529	2975319	23.278 ug/ml
5) T A~2-methylnaphthalene...	6.130	3311274	23.472 ug/ml
6) T n-Tetradecane (C14)	7.305	3057641	23.604 ug/ml
7) T n-Hexadecane (C16)	8.893	3088169	23.703 ug/ml
8) T n-Octadecane (C18)	10.325	3170666	23.400 ug/ml
10) T n-Eicosane (C20)	11.626	3129274	23.006 ug/ml
11) T n-Heneicosane (C21)	12.234	3138649	22.666 ug/ml
13) T n-Docosane (C22)	12.816	3125171	22.665 ug/ml
14) T n-Tetracosane (C24)	13.913	3141270	22.466 ug/ml
15) T n-Hexacosane (C26)	14.928	3024005	21.938 ug/ml
16) T n-Octacosane (C28)	15.872	2954836	21.777 ug/ml
17) T n-Tricontane (C30)	16.756	2835799	21.757 ug/ml
18) T n-Dotriacontane (C32)	17.584	2600401	21.753 ug/ml
19) T n-Tetratriacontane (C34)	18.364	2384007	22.642 ug/ml
20) T n-Hexatriacontane (C36)	19.100	2191296	21.625 ug/ml
21) T n-Octatriacontane (C38)	19.800	2070849	23.178 ug/ml
22) T n-Tetracontane (C40)	20.598	2095395	24.513 ug/ml

(f)=RT Delta > 1/2 Window

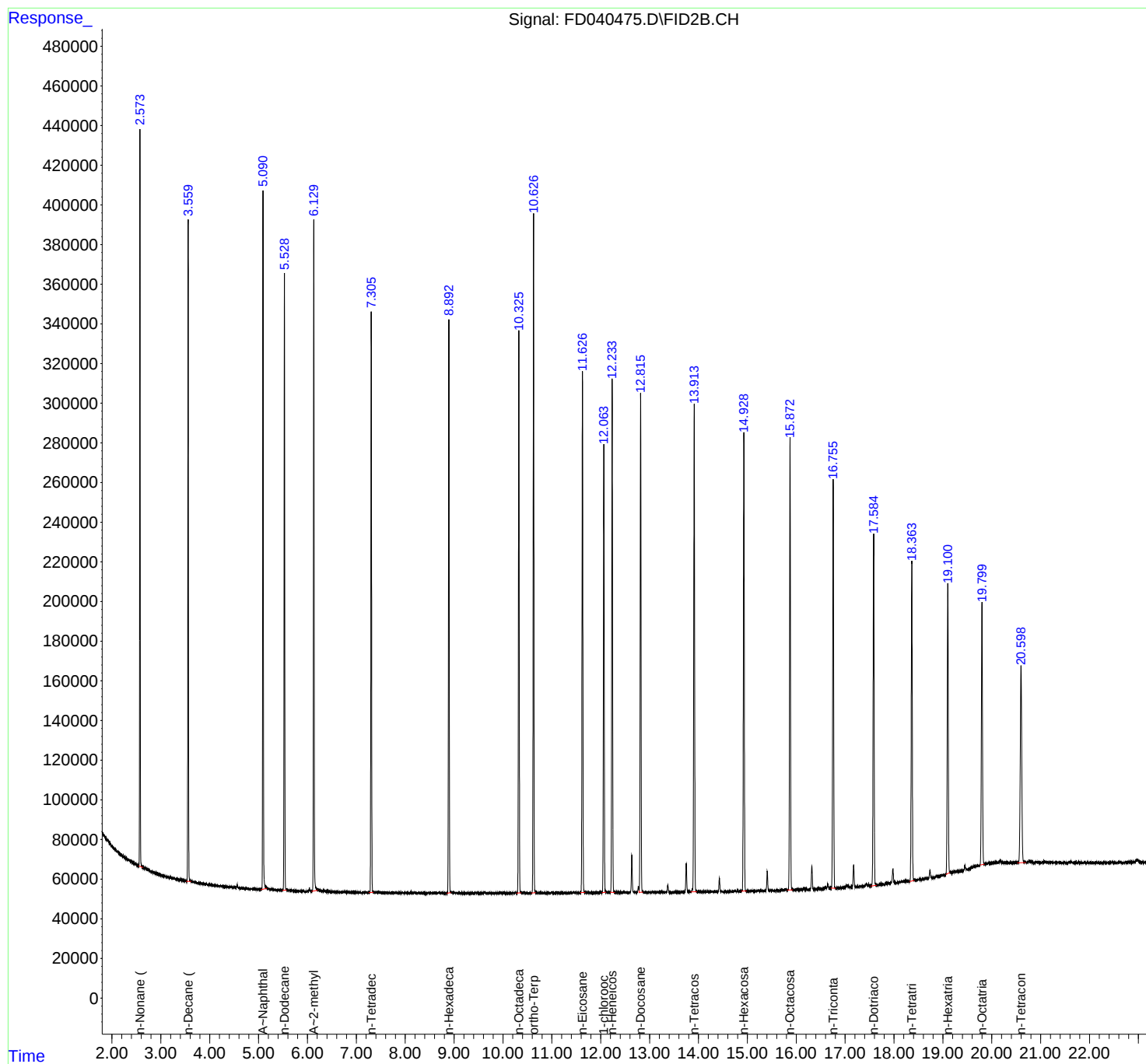
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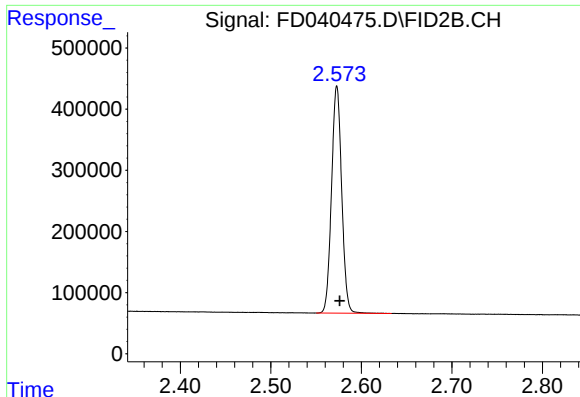
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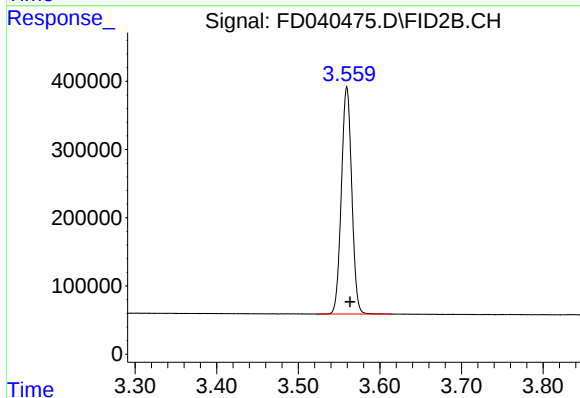




#1 n-Nonane (C9)

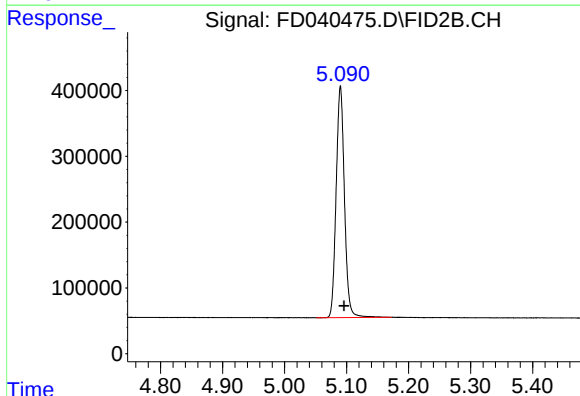
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 2896534
Conc: 22.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



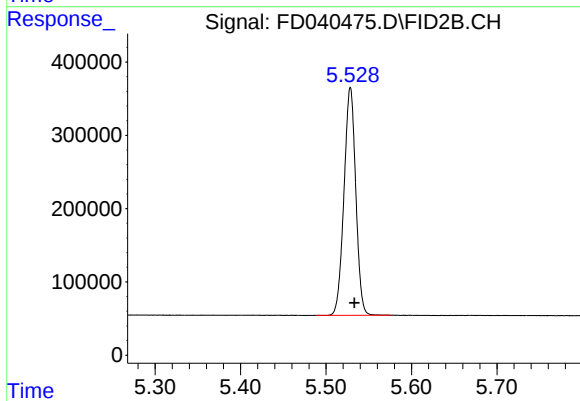
#2 n-Decane (C10)

R.T.: 3.560 min
Delta R.T.: -0.004 min
Response: 2943831
Conc: 22.86 ug/ml



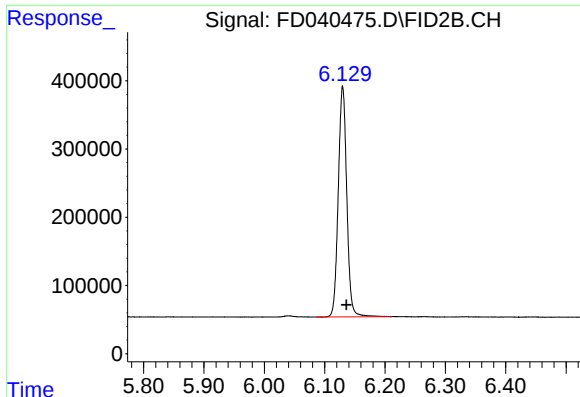
#3 A~Naphthalene (C11.7)

R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 3280004
Conc: 23.09 ug/ml



#4 n-Dodecane (C12)

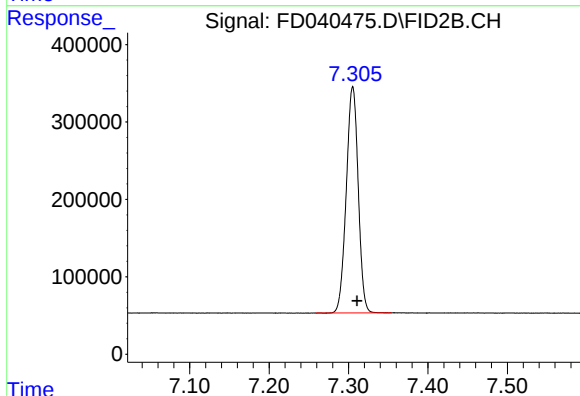
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 2975319
Conc: 23.28 ug/ml



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

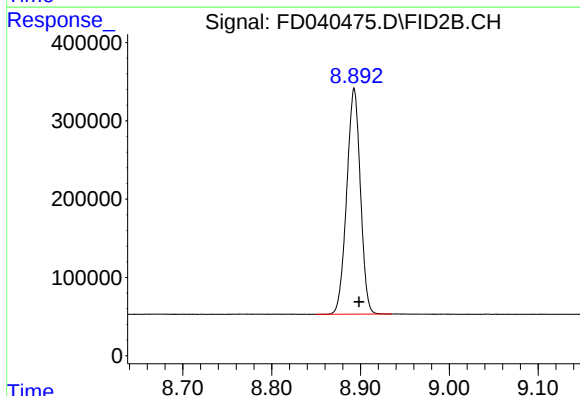
R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 3311274
Conc: 23.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



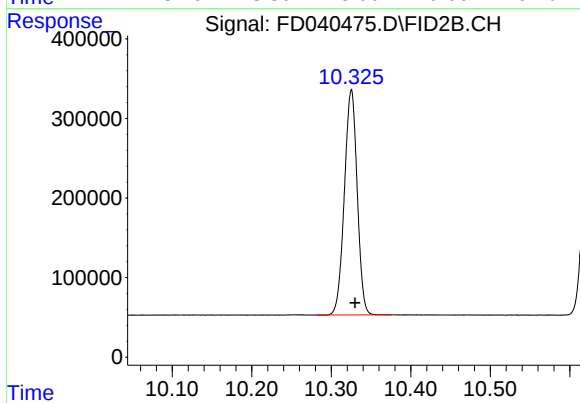
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 3057641
Conc: 23.60 ug/ml



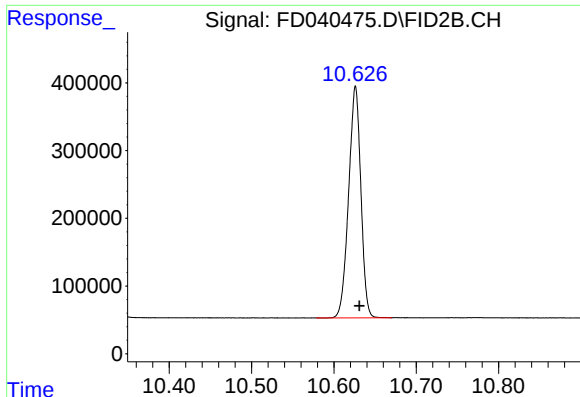
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 3088169
Conc: 23.70 ug/ml



#8 n-Octadecane (C18)

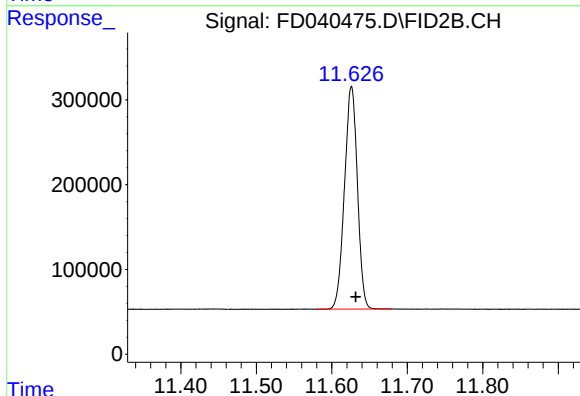
R.T.: 10.325 min
Delta R.T.: -0.004 min
Response: 3170666
Conc: 23.40 ug/ml



#9 ortho-Terphenyl (SURR)

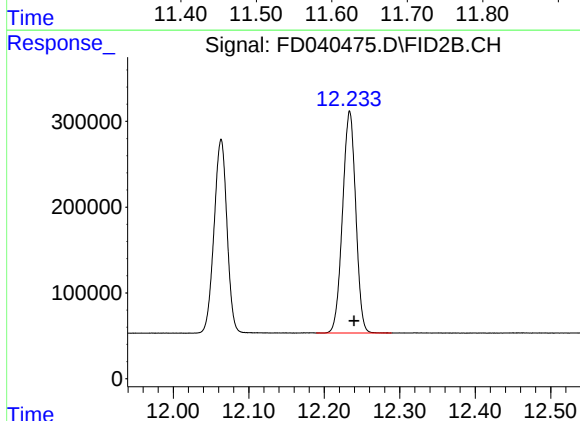
R.T.: 10.626 min
Delta R.T.: -0.005 min
Response: 3527488
Conc: 22.88 ug/ml

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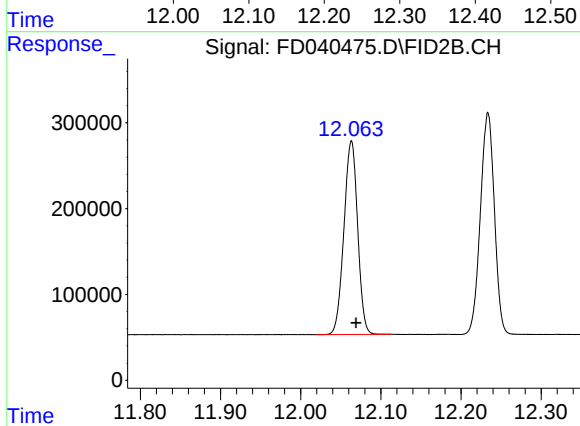
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 3129274
Conc: 23.01 ug/ml



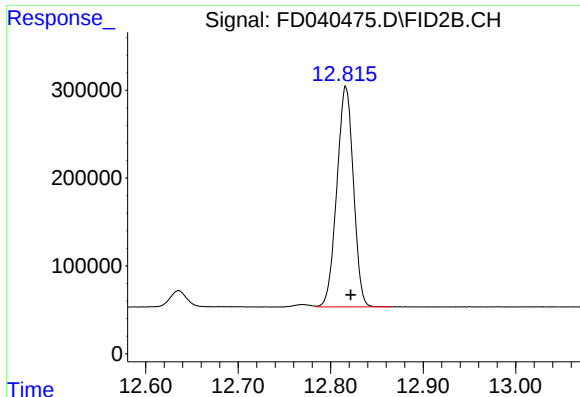
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.006 min
Response: 3138649
Conc: 22.67 ug/ml



#12 1-chlorooctadecane (SURR)

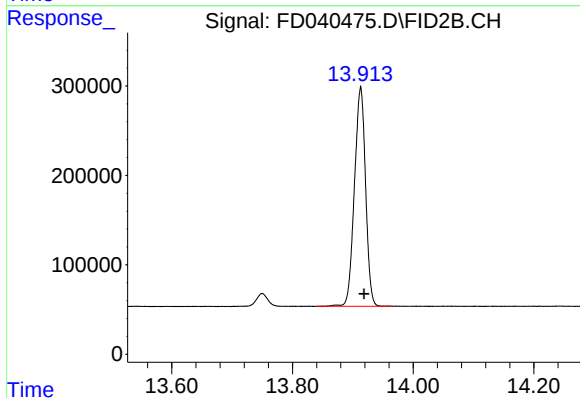
R.T.: 12.063 min
Delta R.T.: -0.006 min
Response: 2682276
Conc: 22.79 ug/ml



#13 n-Docosane (C22)

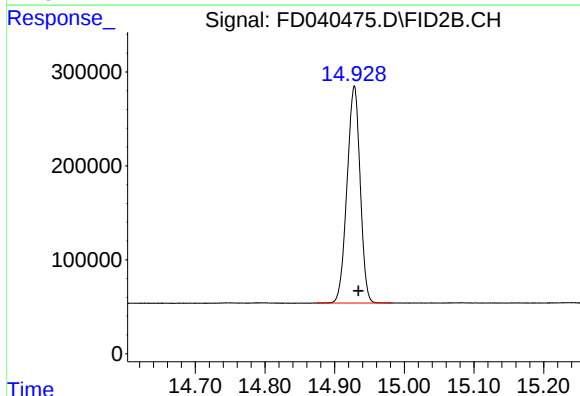
R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 3125171
Conc: 22.66 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



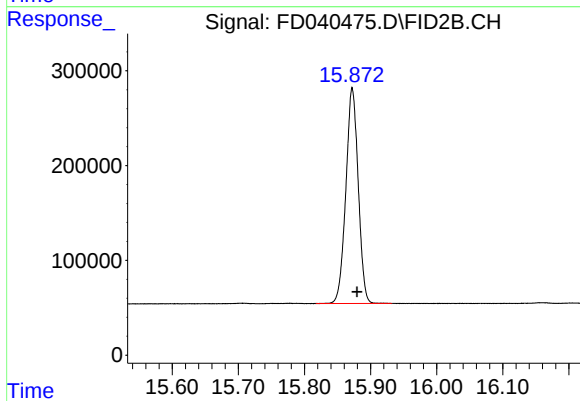
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.005 min
Response: 3141270
Conc: 22.47 ug/ml



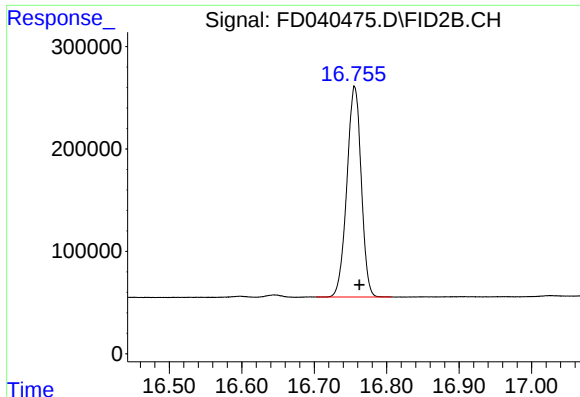
#15 n-Hexacosane (C26)

R.T.: 14.928 min
Delta R.T.: -0.006 min
Response: 3024005
Conc: 21.94 ug/ml



#16 n-Octacosane (C28)

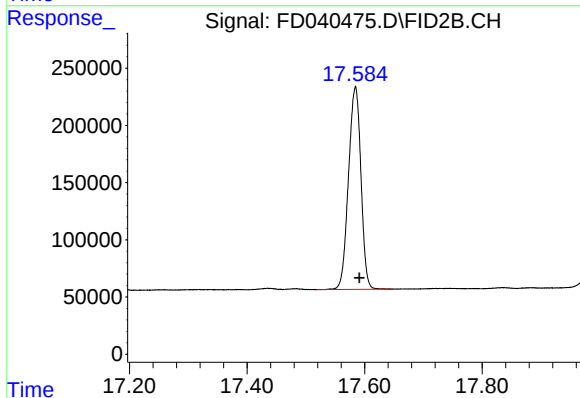
R.T.: 15.872 min
Delta R.T.: -0.007 min
Response: 2954836
Conc: 21.78 ug/ml



#17 n-Tricontane (C30)

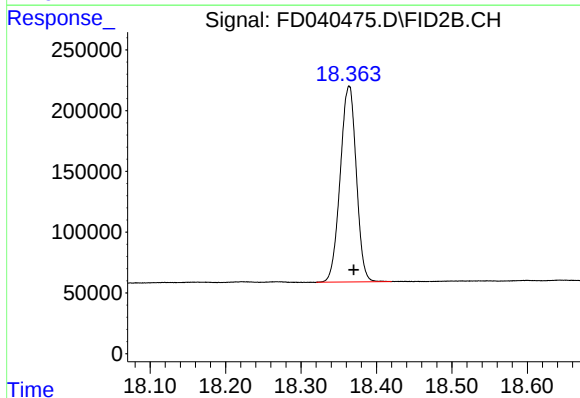
R.T.: 16.756 min
Delta R.T.: -0.006 min
Response: 2835799
Conc: 21.76 ug/ml

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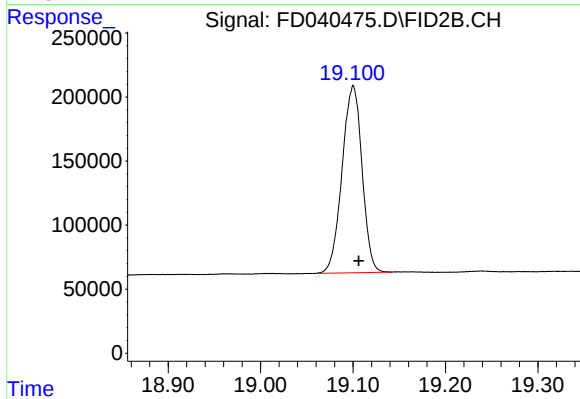
#18 n-Dotriacontane (C32)

R.T.: 17.584 min
Delta R.T.: -0.007 min
Response: 2600401
Conc: 21.75 ug/ml



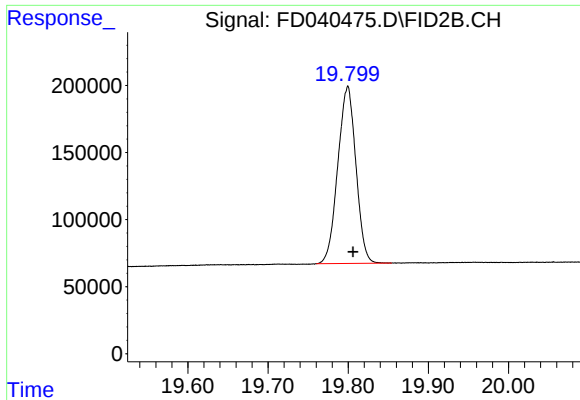
#19 n-Tetratriacontane (C34)

R.T.: 18.364 min
Delta R.T.: -0.006 min
Response: 2384007
Conc: 22.64 ug/ml



#20 n-Hexatriacontane (C36)

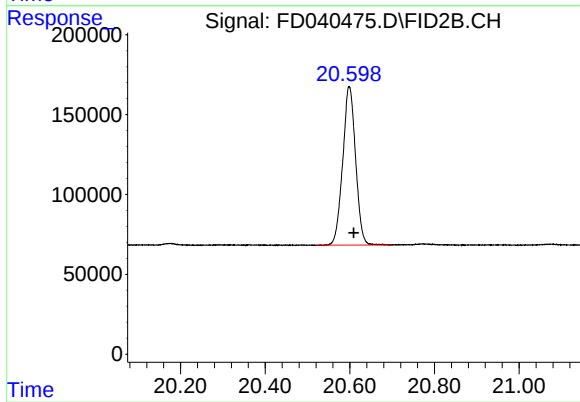
R.T.: 19.100 min
Delta R.T.: -0.006 min
Response: 2191296
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.800 min
Delta R.T.: -0.006 min
Response: 2070849
Conc: 23.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.598 min
Delta R.T.: -0.011 min
Response: 2095395
Conc: 24.51 ug/ml