

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
 Data File : FD040482.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2022 14:58
 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 22:10:49 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	3419777	22.179 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
12) S 1-chlorooctadecane (S...	12.061	2600983	22.097 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
Target Compounds			
1) T n-Nonane (C9)	2.572	2813892	21.918 ug/ml
2) T n-Decane (C10)	3.559	2853978	22.164 ug/ml
3) T A~Naphthalene (C11.7)	5.090	3177310	22.364 ug/ml
4) T n-Dodecane (C12)	5.528	2896049	22.658 ug/ml
5) T A~2-methylnaphthalene...	6.130	3204719	22.717 ug/ml
6) T n-Tetradecane (C14)	7.305	2967775	22.910 ug/ml
7) T n-Hexadecane (C16)	8.892	2991224	22.959 ug/ml
8) T n-Octadecane (C18)	10.323	3079002	22.723 ug/ml
10) T n-Eicosane (C20)	11.623	3040739	22.355 ug/ml
11) T n-Heneicosane (C21)	12.232	3047550	22.008 ug/ml
13) T n-Docosane (C22)	12.814	3060270	22.194 ug/ml
14) T n-Tetracosane (C24)	13.911	3133644	22.411 ug/ml
15) T n-Hexacosane (C26)	14.926	3021308	21.918 ug/ml
16) T n-Octacosane (C28)	15.871	2965798	21.858 ug/ml
17) T n-Tricontane (C30)	16.754	2853910	21.896 ug/ml
18) T n-Dotriacontane (C32)	17.582	2593871	21.698 ug/ml
19) T n-Tetratriacontane (C34)	18.361	2350038	22.319 ug/ml
20) T n-Hexatriacontane (C36)	19.098	2133262	21.052 ug/ml
21) T n-Octatriacontane (C38)	19.797	2006465	22.457 ug/ml
22) T n-Tetracontane (C40)	20.597	1978529	23.146 ug/ml

(f)=RT Delta > 1/2 Window

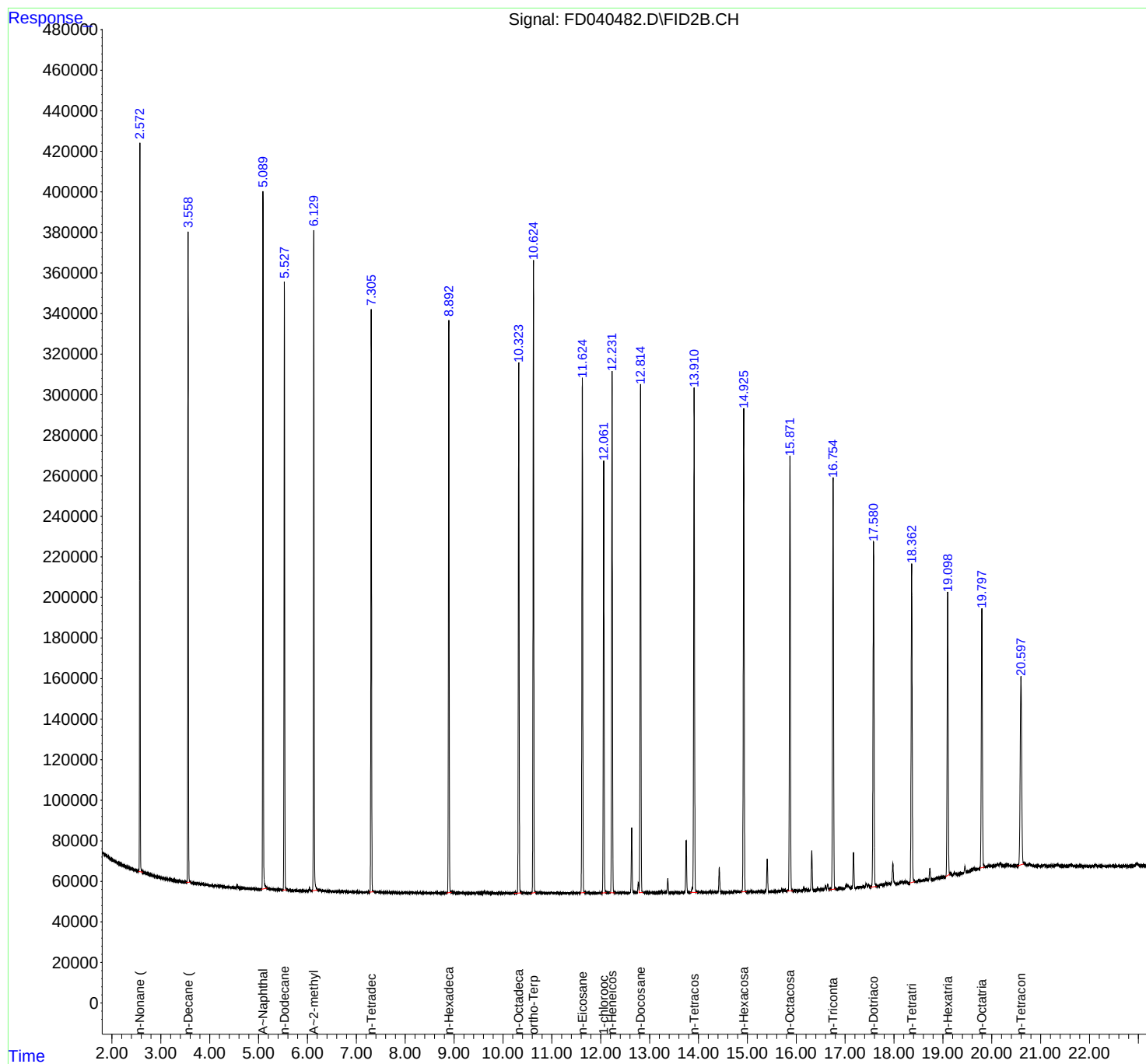
(m)=manual int.

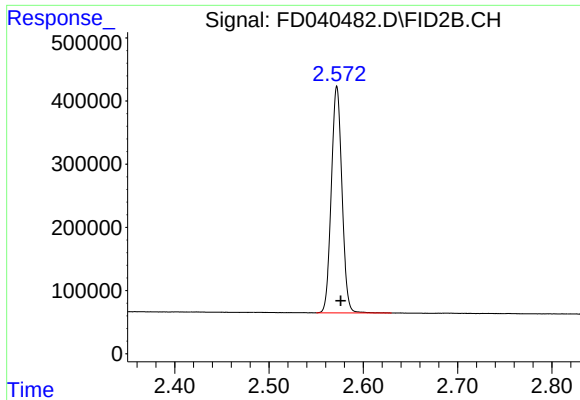
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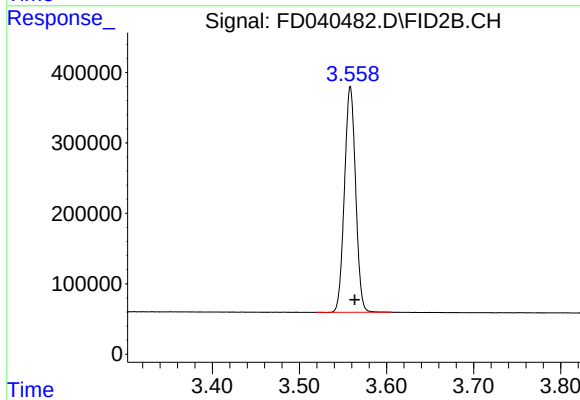




#1 n-Nonane (C9)

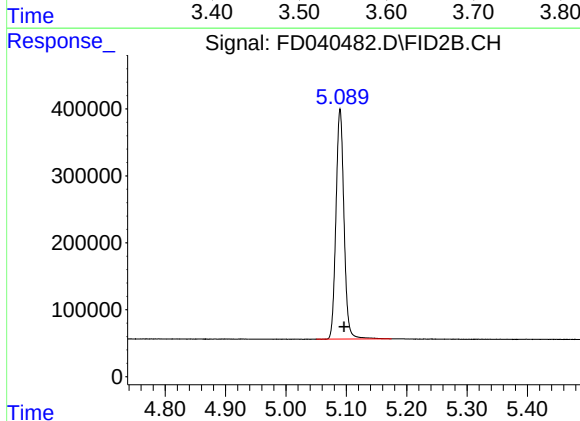
R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 2813892
Conc: 21.92 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



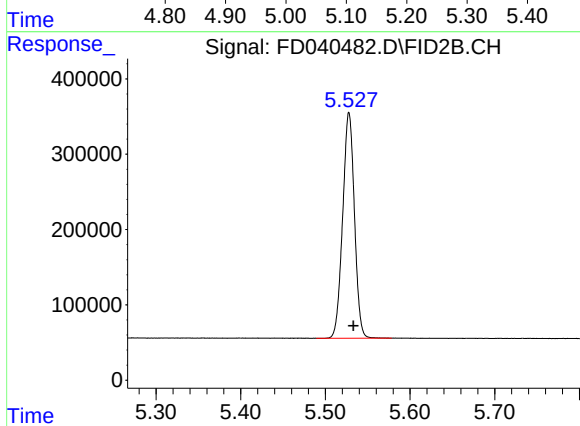
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.005 min
Response: 2853978
Conc: 22.16 ug/ml



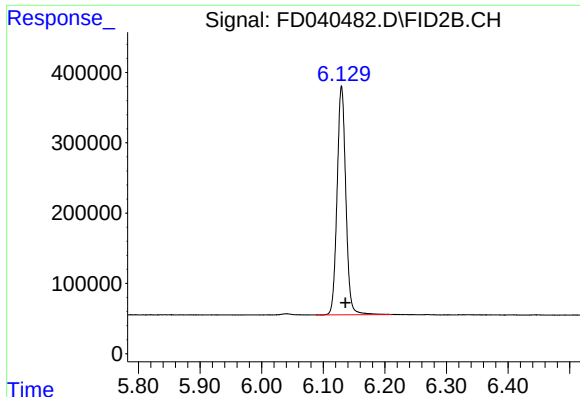
#3 A~Naphthalene (C11.7)

R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 3177310
Conc: 22.36 ug/ml



#4 n-Dodecane (C12)

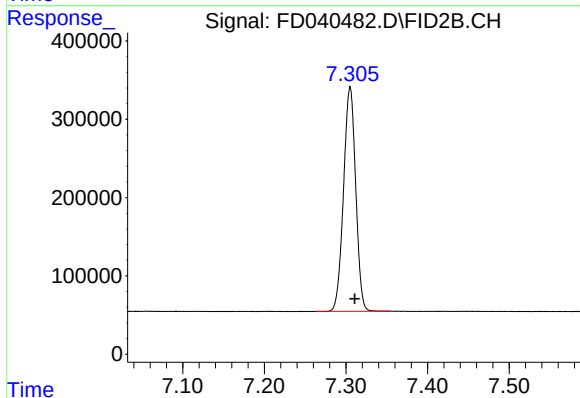
R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 2896049
Conc: 22.66 ug/ml



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

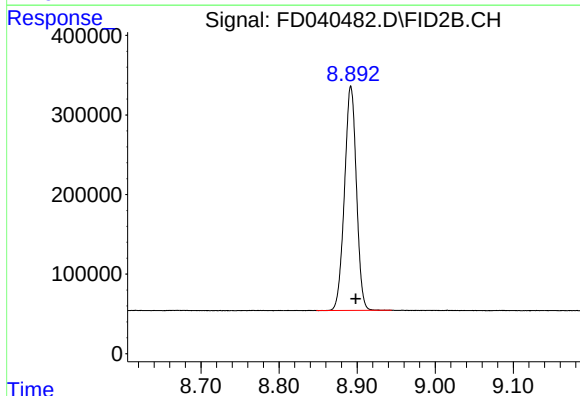
R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 3204719
Conc: 22.72 ug/ml

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20 PPM ALIPHATIC HC STD



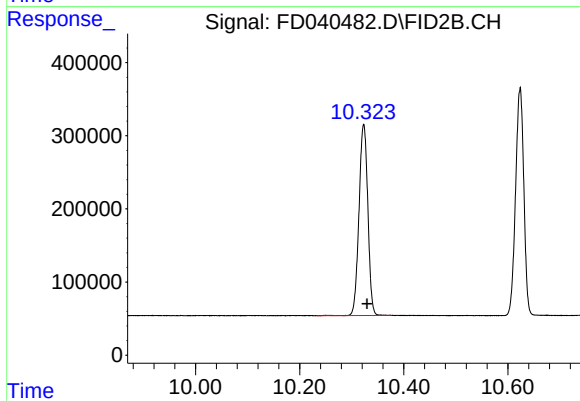
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.006 min
Response: 2967775
Conc: 22.91 ug/ml



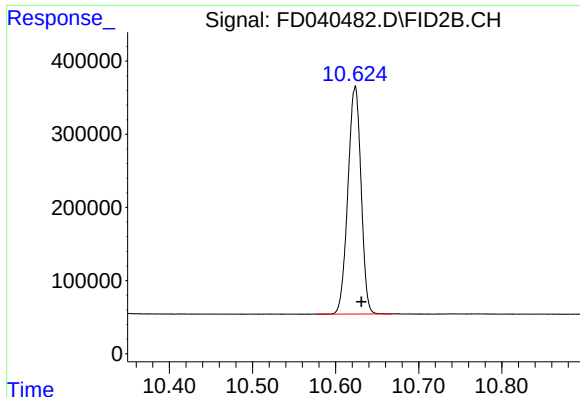
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.006 min
Response: 2991224
Conc: 22.96 ug/ml



#8 n-Octadecane (C18)

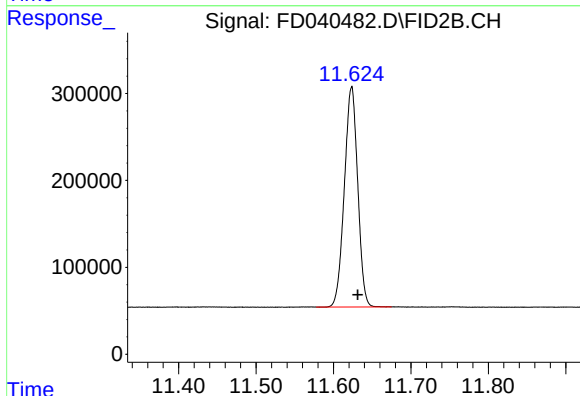
R.T.: 10.323 min
Delta R.T.: -0.007 min
Response: 3079002
Conc: 22.72 ug/ml



#9 ortho-Terphenyl (SURR)

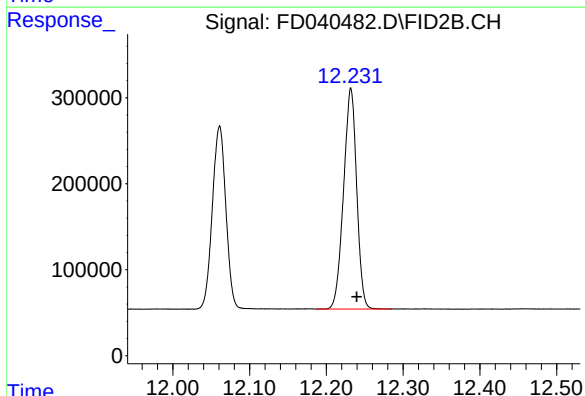
R.T.: 10.624 min
Delta R.T.: -0.008 min
Response: 3419777
Conc: 22.18 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



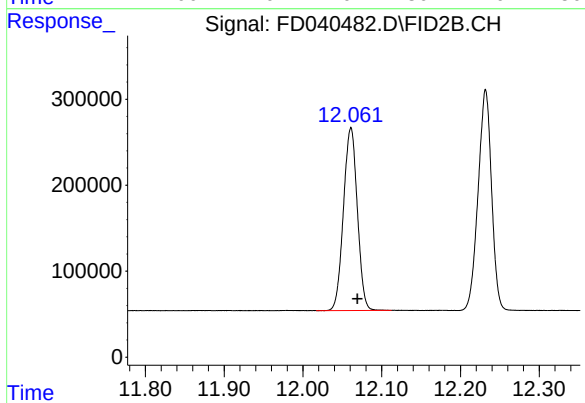
#10 n-Eicosane (C20)

R.T.: 11.623 min
Delta R.T.: -0.008 min
Response: 3040739
Conc: 22.36 ug/ml



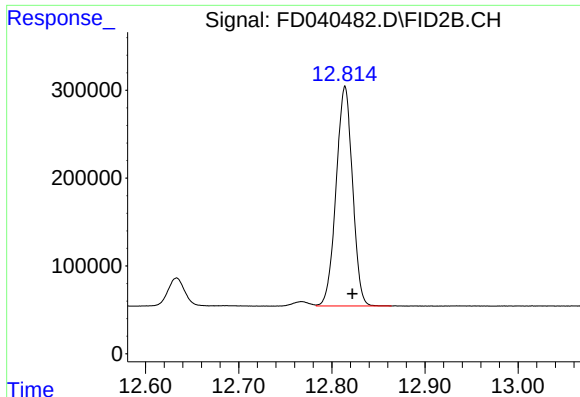
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.008 min
Response: 3047550
Conc: 22.01 ug/ml



#12 1-chlorooctadecane (SURR)

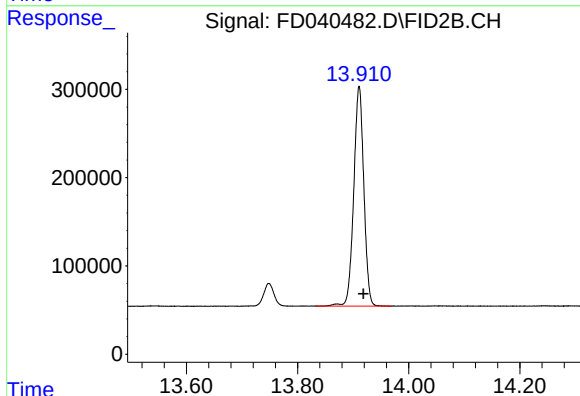
R.T.: 12.061 min
Delta R.T.: -0.008 min
Response: 2600983
Conc: 22.10 ug/ml



#13 n-Docosane (C22)

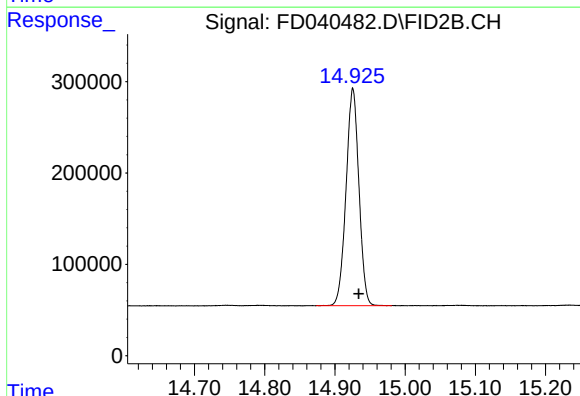
R.T.: 12.814 min
Delta R.T.: -0.008 min
Response: 3060270
Conc: 22.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



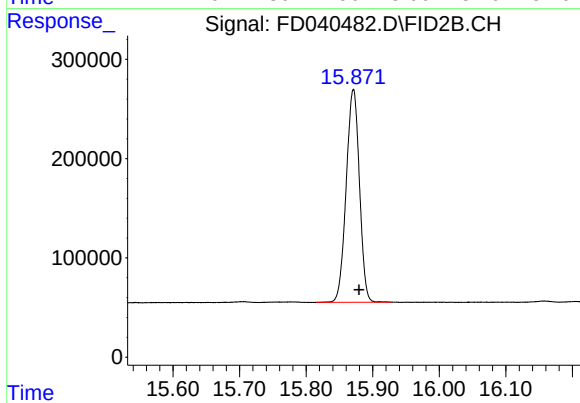
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.008 min
Response: 3133644
Conc: 22.41 ug/ml



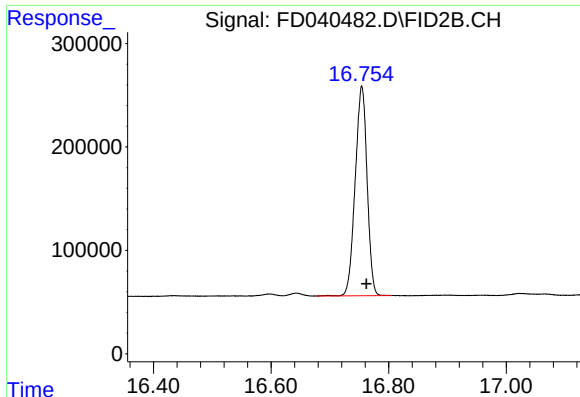
#15 n-Hexacosane (C26)

R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 3021308
Conc: 21.92 ug/ml



#16 n-Octacosane (C28)

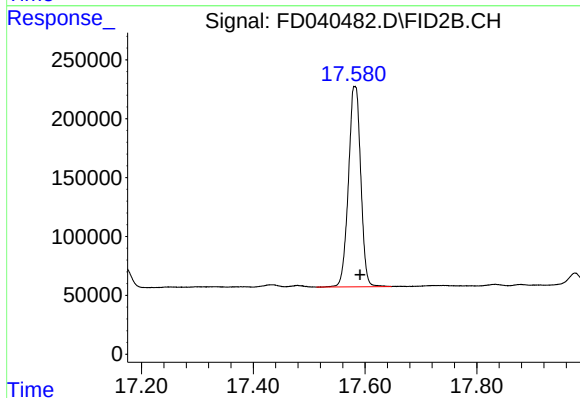
R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 2965798
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

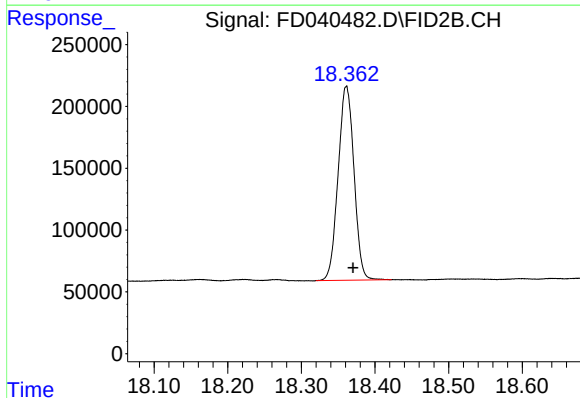
R.T.: 16.754 min
Delta R.T.: -0.008 min
Response: 2853910
Conc: 21.90 ug/ml

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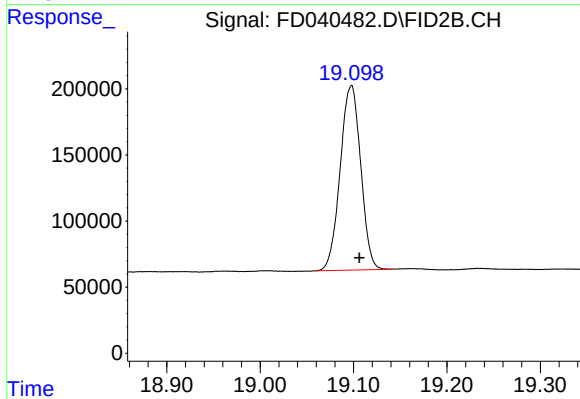
#18 n-Dotriacontane (C32)

R.T.: 17.582 min
Delta R.T.: -0.009 min
Response: 2593871
Conc: 21.70 ug/ml



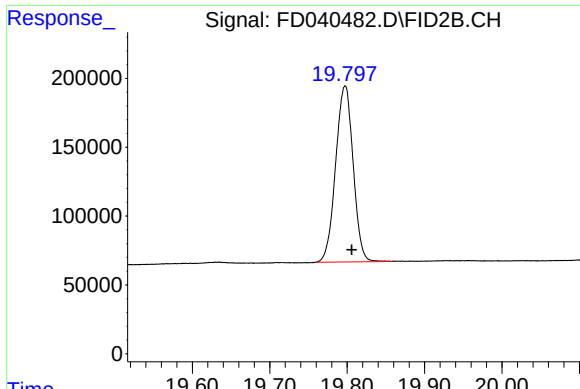
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 2350038
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

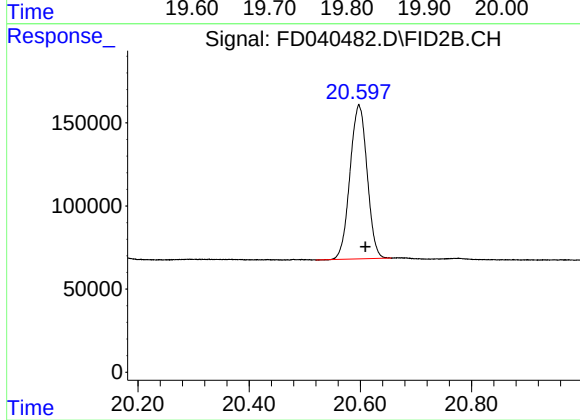
R.T.: 19.098 min
Delta R.T.: -0.009 min
Response: 2133262
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.797 min
Delta R.T.: -0.008 min
Response: 2006465
Conc: 22.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.597 min
Delta R.T.: -0.012 min
Response: 1978529
Conc: 23.15 ug/ml