

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040537.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 12:16
 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 12:40:22 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)	10.625	3176105	20.599 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	12.062	2407088	20.450 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T n-Nonane (C9)	2.573	2713211	21.134 ug/ml
2) T n-Decane (C10)	3.560	2771717	21.525 ug/ml
3) T A~Naphthalene (C11.7)	5.091	3087351	21.731 ug/ml
4) T n-Dodecane (C12)	5.529	2809809	21.984 ug/ml
5) T A~2-methylnaphthalene...	6.132	3120901	22.122 ug/ml
6) T n-Tetradecane (C14)	7.305	2873061	22.179 ug/ml
7) T n-Hexadecane (C16)	8.893	2876756	22.081 ug/ml
8) T n-Octadecane (C18)	10.325	2920794	21.555 ug/ml
10) T n-Eicosane (C20)	11.625	2875913	21.143 ug/ml
11) T n-Heneicosane (C21)	12.233	2830531	20.441 ug/ml
13) T n-Docosane (C22)	12.816	2900932	21.038 ug/ml
14) T n-Tetracosane (C24)	13.912	3042602	21.760 ug/ml
15) T n-Hexacosane (C26)	14.927	3024140	21.939 ug/ml
16) T n-Octacosane (C28)	15.871	3048242	22.465 ug/ml
17) T n-Tricontane (C30)	16.754	2972995	22.810 ug/ml
18) T n-Dotriacontane (C32)	17.582	2774383	23.208 ug/ml
19) T n-Tetratriacontane (C34)	18.361	2405601	22.847 ug/ml
20) T n-Hexatriacontane (C36)	19.098	2113426	20.857 ug/ml
21) T n-Octatriacontane (C38)	19.797	1973849	22.092 ug/ml
22) T n-Tetracontane (C40)	20.596	1958733	22.914 ug/ml

(f)=RT Delta > 1/2 Window

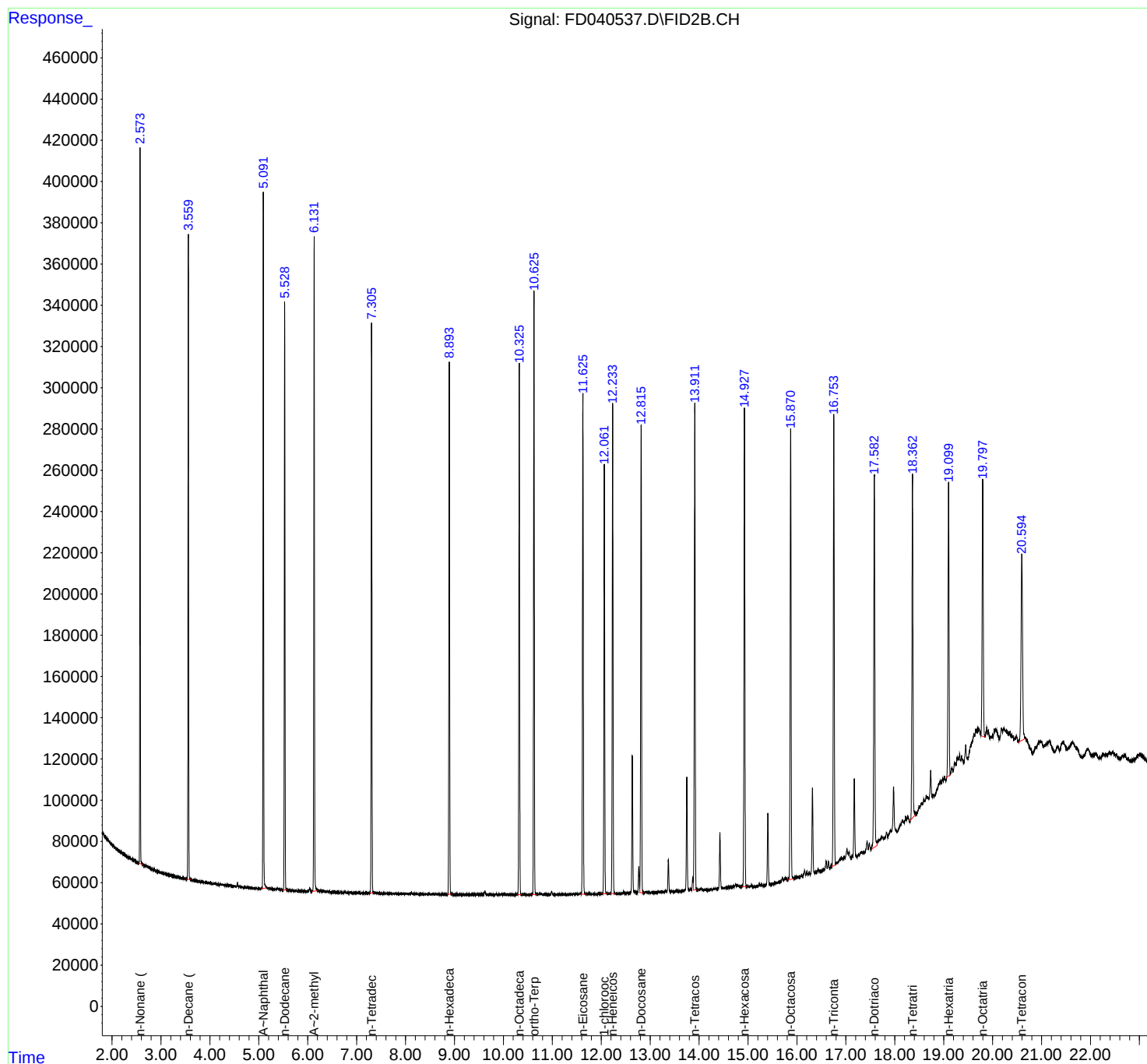
(m)=manual int.

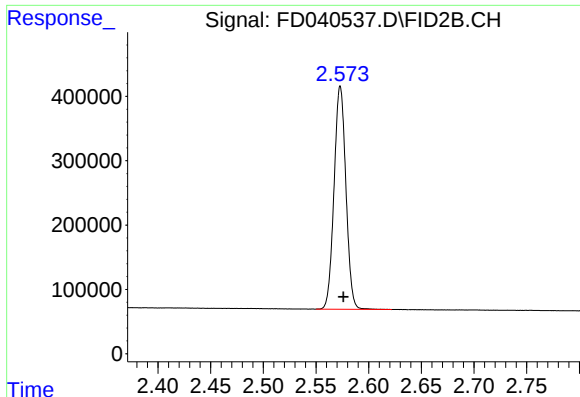
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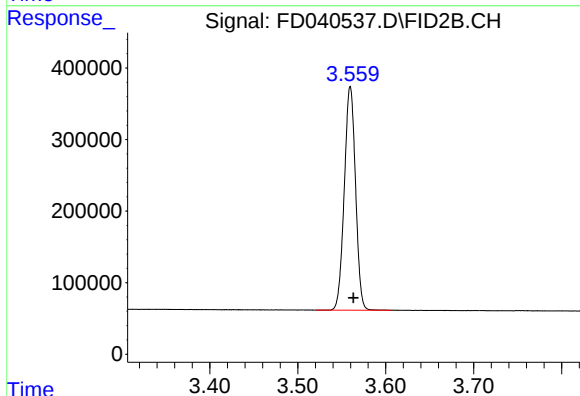




#1 n-Nonane (C9)

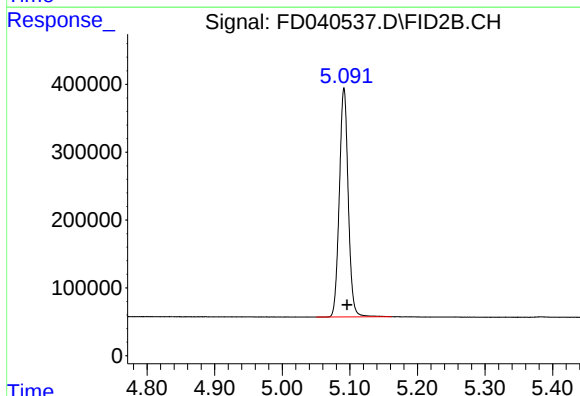
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 2713211
Conc: 21.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



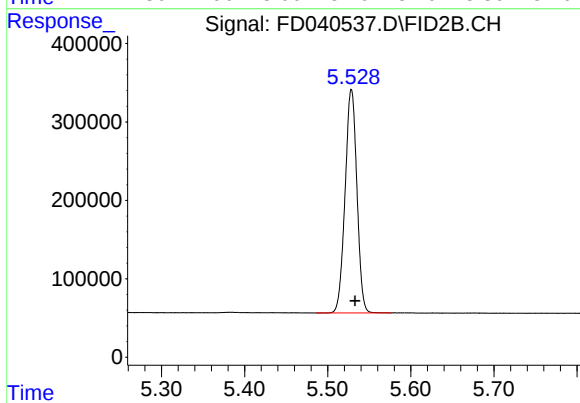
#2 n-Decane (C10)

R.T.: 3.560 min
Delta R.T.: -0.004 min
Response: 2771717
Conc: 21.53 ug/ml



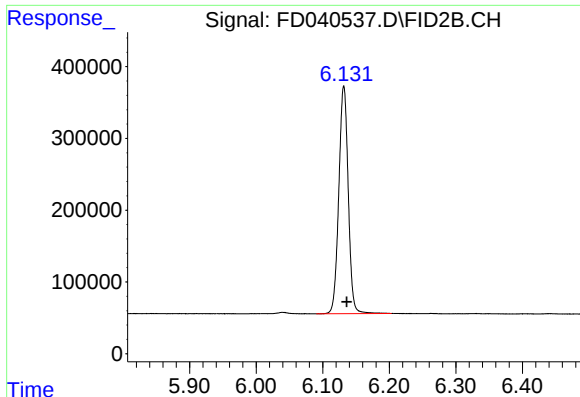
#3 A~Naphthalene (C11.7)

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 3087351
Conc: 21.73 ug/ml



#4 n-Dodecane (C12)

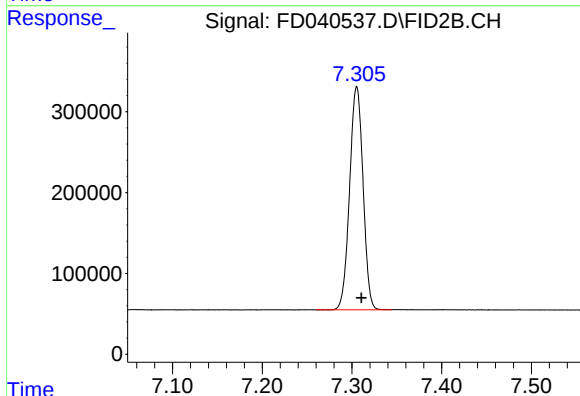
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 2809809
Conc: 21.98 ug/ml



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

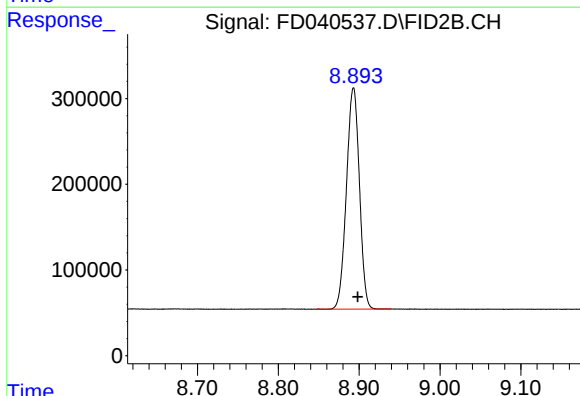
R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 3120901
Conc: 22.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



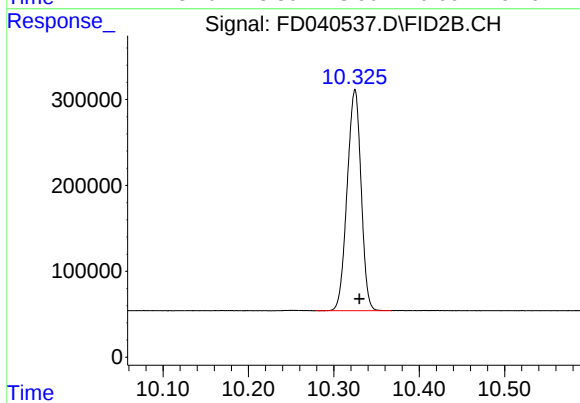
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 2873061
Conc: 22.18 ug/ml



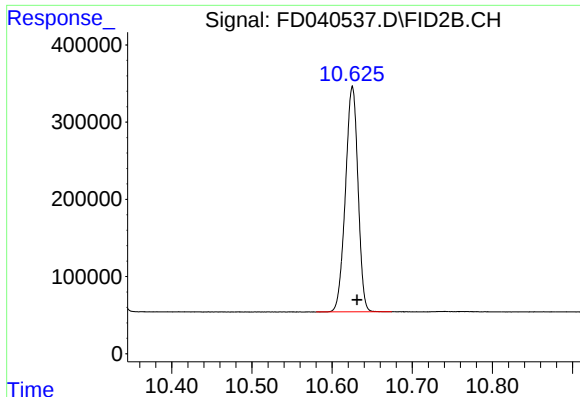
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 2876756
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

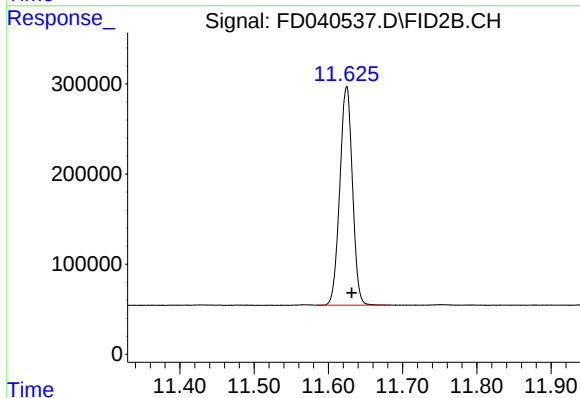
R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 2920794
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

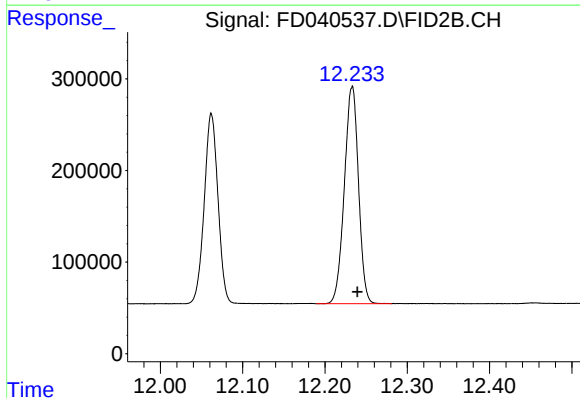
R.T.: 10.625 min
Delta R.T.: -0.006 min
Response: 3176105
Conc: 20.60 ug/ml

Instrument :
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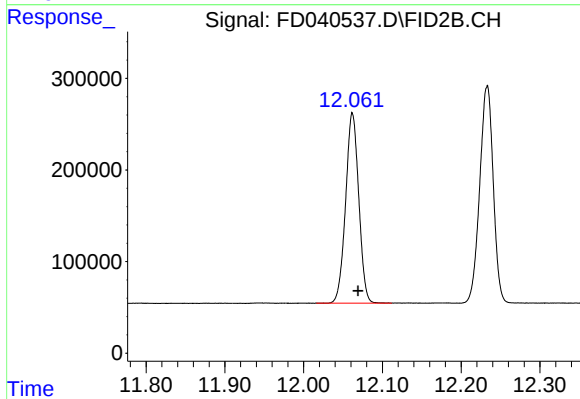
#10 n-Eicosane (C20)

R.T.: 11.625 min
Delta R.T.: -0.007 min
Response: 2875913
Conc: 21.14 ug/ml



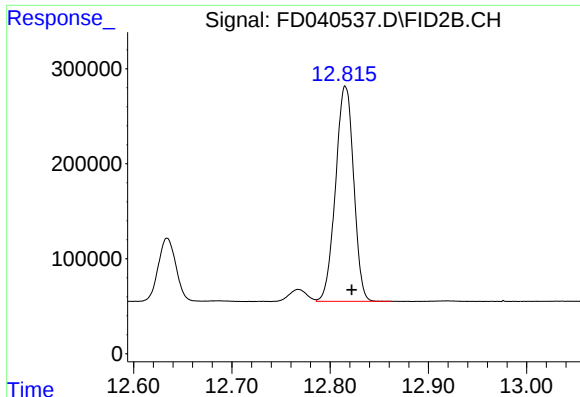
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 2830531
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

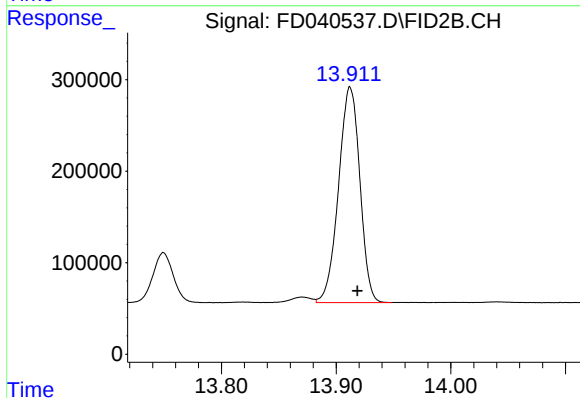
R.T.: 12.062 min
Delta R.T.: -0.007 min
Response: 2407088
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

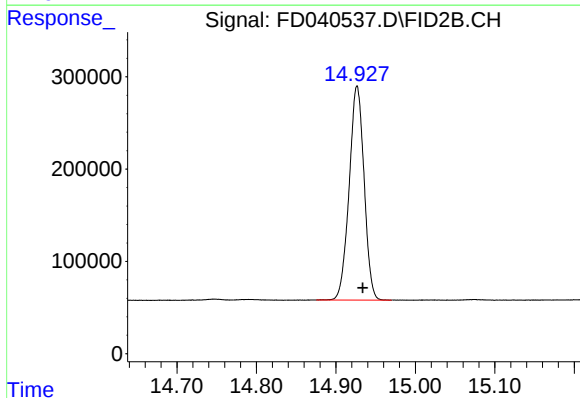
R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 2900932
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



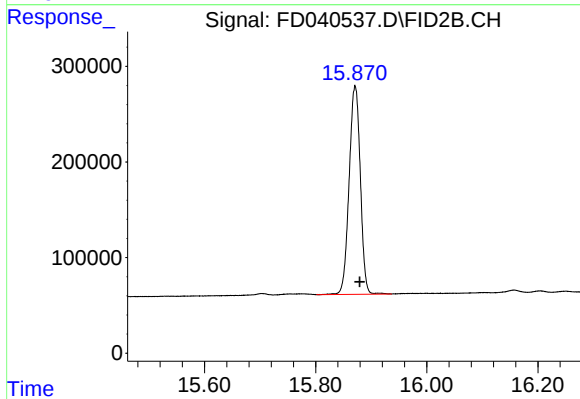
#14 n-Tetracosane (C24)

R.T.: 13.912 min
Delta R.T.: -0.006 min
Response: 3042602
Conc: 21.76 ug/ml



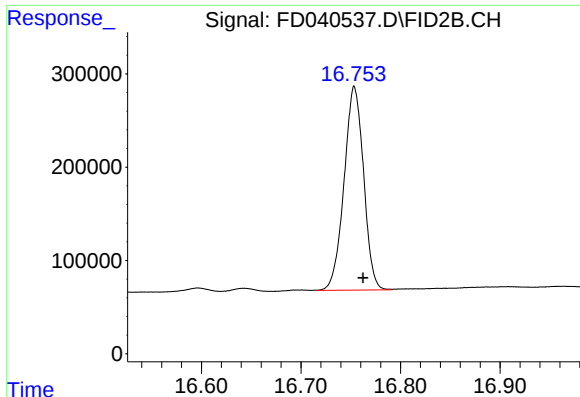
#15 n-Hexacosane (C26)

R.T.: 14.927 min
Delta R.T.: -0.007 min
Response: 3024140
Conc: 21.94 ug/ml



#16 n-Octacosane (C28)

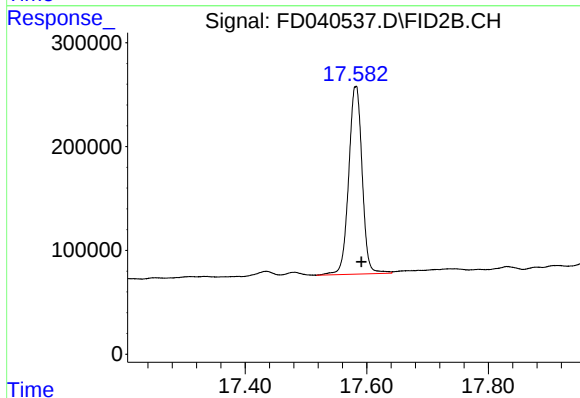
R.T.: 15.871 min
Delta R.T.: -0.008 min
Response: 3048242
Conc: 22.47 ug/ml



#17 n-Tricontane (C30)

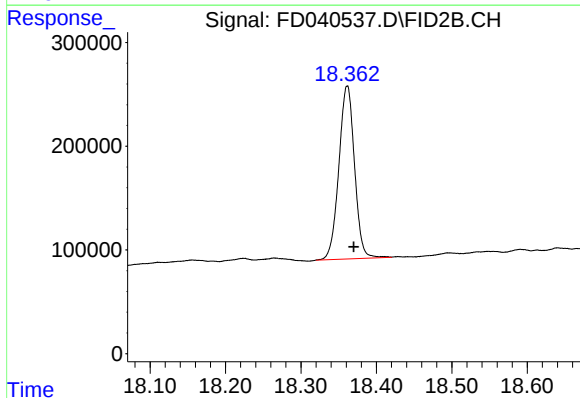
R.T.: 16.754 min
Delta R.T.: -0.009 min
Response: 2972995
Conc: 22.81 ug/ml

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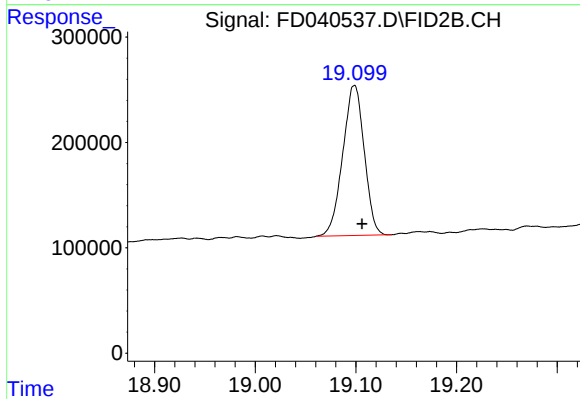
#18 n-Dotriacontane (C32)

R.T.: 17.582 min
Delta R.T.: -0.009 min
Response: 2774383
Conc: 23.21 ug/ml



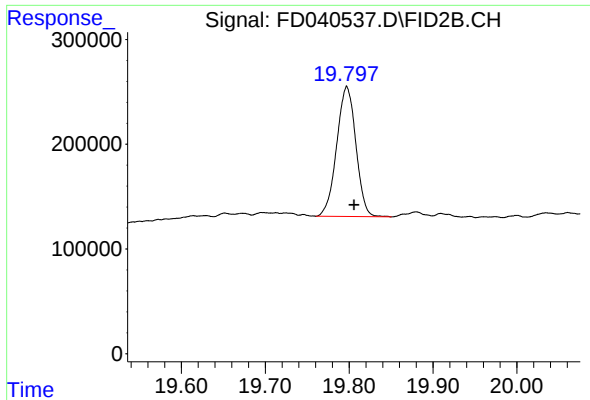
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 2405601
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

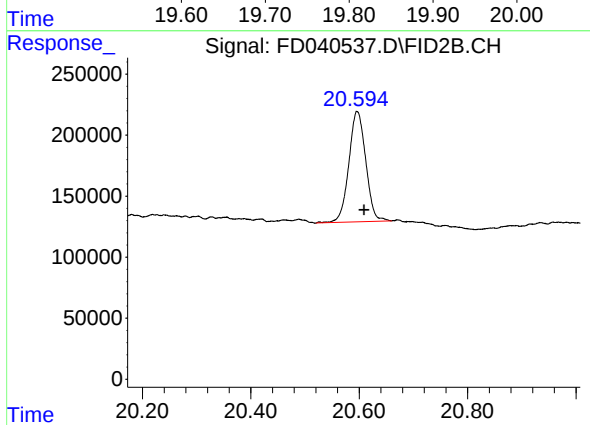
R.T.: 19.098 min
Delta R.T.: -0.008 min
Response: 2113426
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.797 min
Delta R.T.: -0.009 min
Response: 1973849
Conc: 22.09 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.596 min
Delta R.T.: -0.013 min
Response: 1958733
Conc: 22.91 ug/ml