

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072021AL\
 Data File : FD038283.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jul 2021 10:44
 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: Jul 21 02:09:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.412	2954326	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.847	2254653	19.776 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.225	2793518	22.989 ug/ml
2) T n-Decane (C10)	4.281	2829508	23.133 ug/ml
3) T A~Naphthalene (C11.7)	5.851	3120977	22.831 ug/ml
4) T n-Dodecane (C12)	6.287	2868629	23.032 ug/ml
5) T A~2-methylnaphthalene...	6.903	3118567	22.641 ug/ml
6) T n-Tetradecane (C14)	8.074	2912035	22.656 ug/ml
7) T n-Hexadecane (C16)	9.667	2888057	22.287 ug/ml
8) T n-Octadecane (C18)	11.103	2886372	21.432 ug/ml
10) T n-Eicosane (C20)	12.406	2761797	20.562 ug/ml
11) T n-Heneicosane (C21)	13.015	2731393	20.104 ug/ml
13) T n-Docosane (C22)	13.598	2650035	19.696 ug/ml
14) T n-Tetracosane (C24)	14.696	2557832	18.943 ug/ml
15) T n-Hexacosane (C26)	15.712	2407016	18.269 ug/ml
16) T n-Octacosane (C28)	16.657	2342091	17.962 ug/ml
17) T n-Tricontane (C30)	17.540	2295613	17.963 ug/ml
18) T n-Dotriacontane (C32)	18.369	2263513	18.396 ug/ml
19) T n-Tetratriacontane (C34)	19.148	2282823	19.494 ug/ml
20) T n-Hexatriacontane (C36)	19.884	2245991	20.566 ug/ml
21) T n-Octatriacontane (C38)	20.589	2203322	21.876 ug/ml
22) T n-Tetracontane (C40)	21.417	2265658	23.165 ug/ml

(f)=RT Delta > 1/2 Window

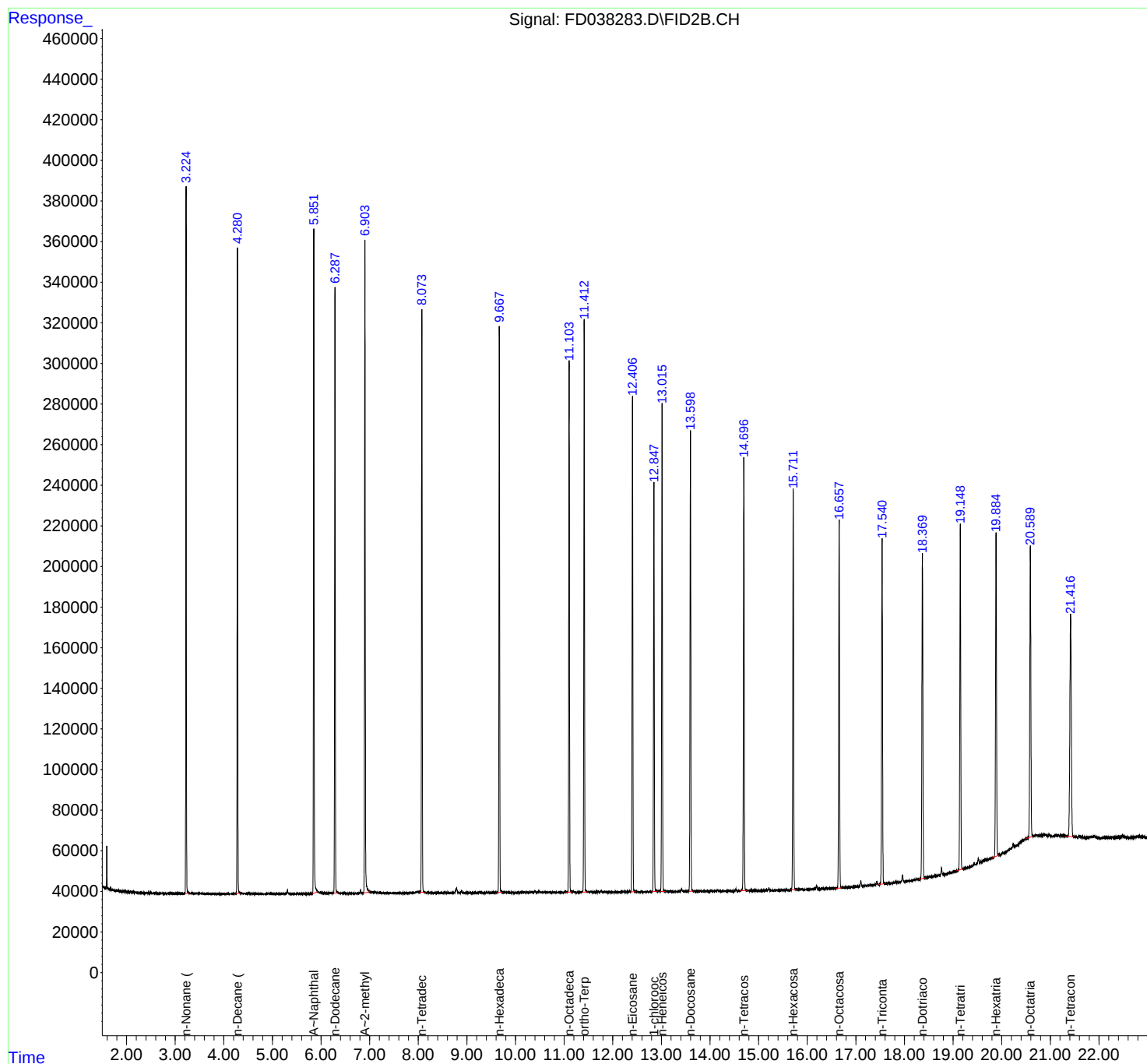
(m)=manual int.

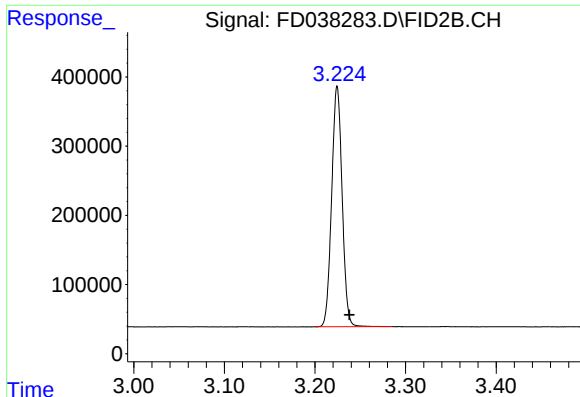
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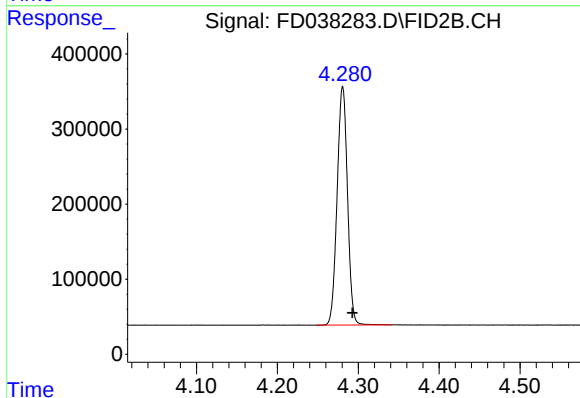




#1 n-Nonane (C9)

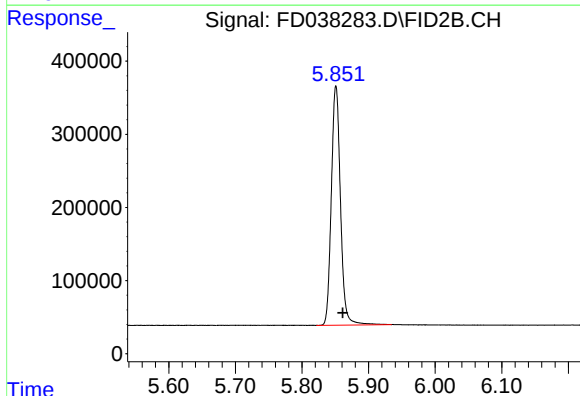
R.T.: 3.225 min
Delta R.T.: -0.013 min
Response: 2793518
Conc: 22.99 ug/ml

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20 PPM ALIPHATIC HC STD



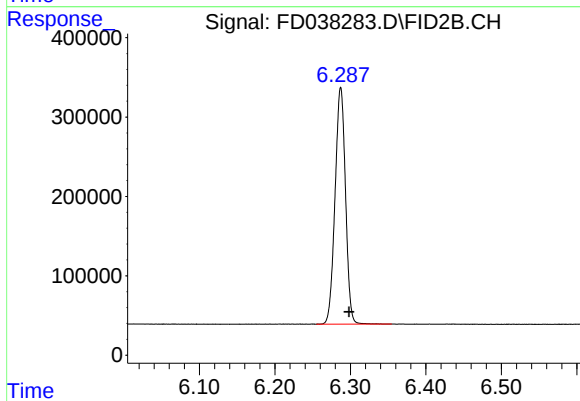
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.012 min
Response: 2829508
Conc: 23.13 ug/ml



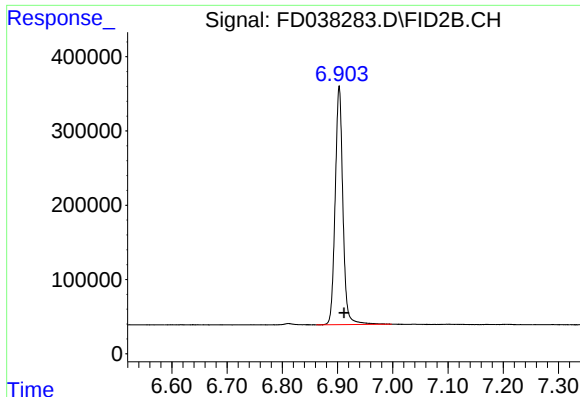
#3 A~Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.010 min
Response: 3120977
Conc: 22.83 ug/ml



#4 n-Dodecane (C12)

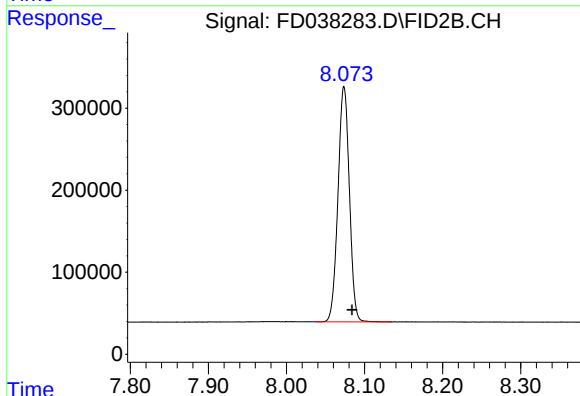
R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 2868629
Conc: 23.03 ug/ml



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

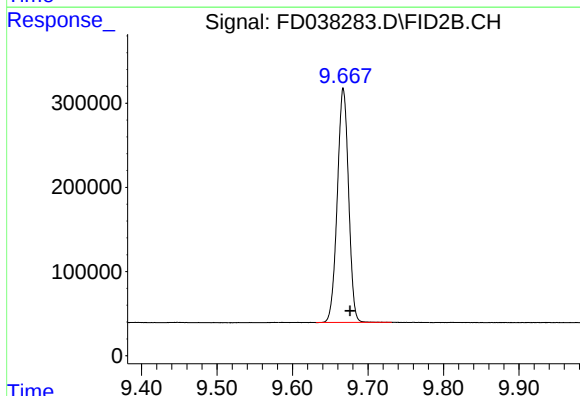
R.T.: 6.903 min
Delta R.T.: -0.009 min
Response: 3118567
Conc: 22.64 ug/ml

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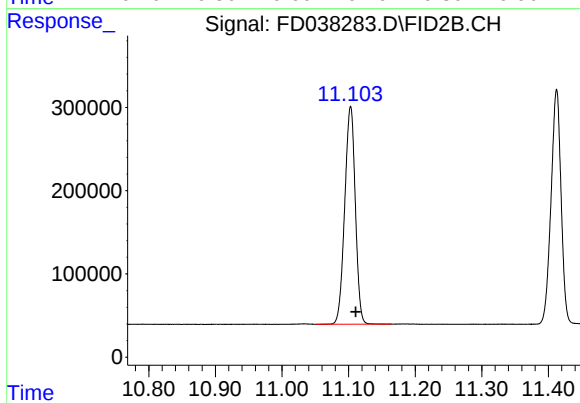
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: -0.010 min
Response: 2912035
Conc: 22.66 ug/ml



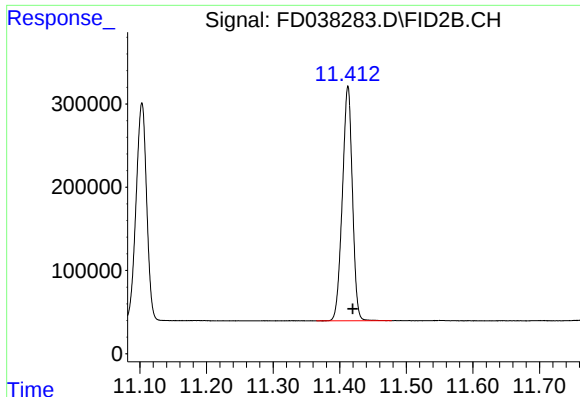
#7 n-Hexadecane (C16)

R.T.: 9.667 min
Delta R.T.: -0.009 min
Response: 2888057
Conc: 22.29 ug/ml



#8 n-Octadecane (C18)

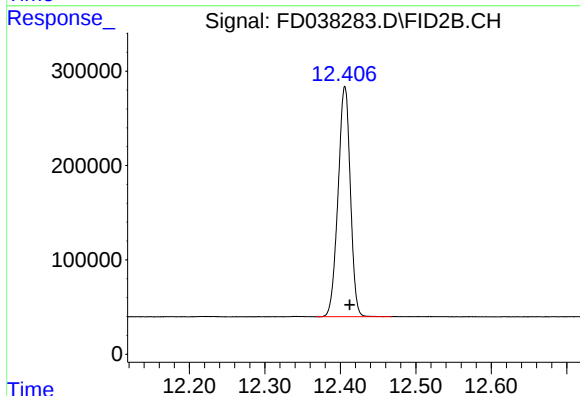
R.T.: 11.103 min
Delta R.T.: -0.008 min
Response: 2886372
Conc: 21.43 ug/ml



#9 ortho-Terphenyl (SURR)

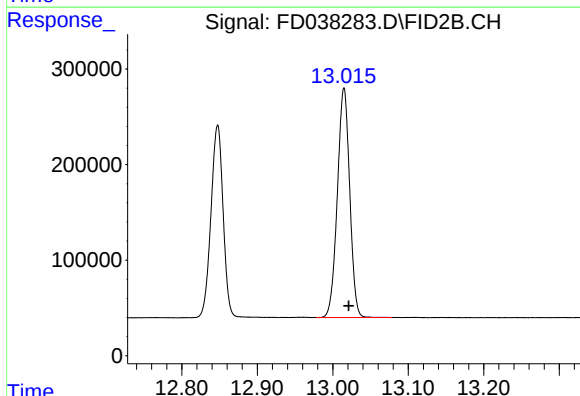
R.T.: 11.412 min
Delta R.T.: -0.007 min
Response: 2954326
Conc: 20.44 ug/ml

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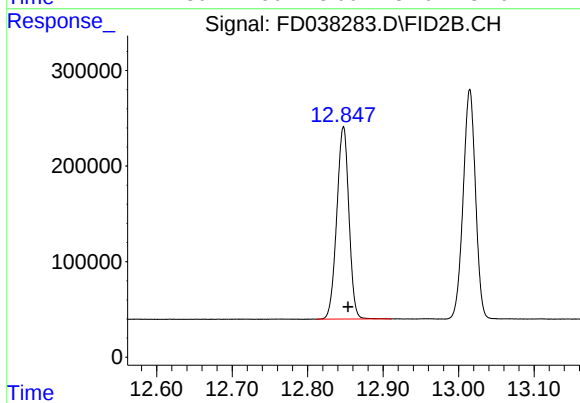
#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.007 min
Response: 2761797
Conc: 20.56 ug/ml



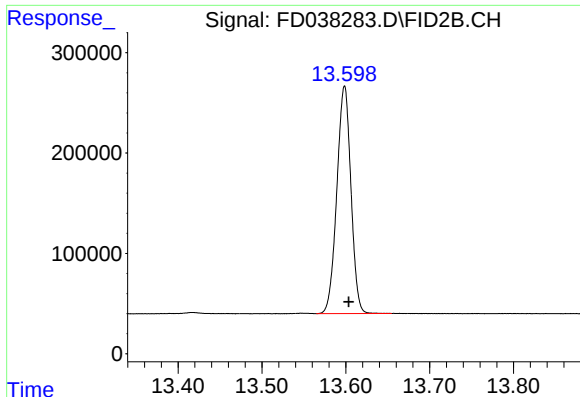
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.006 min
Response: 2731393
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

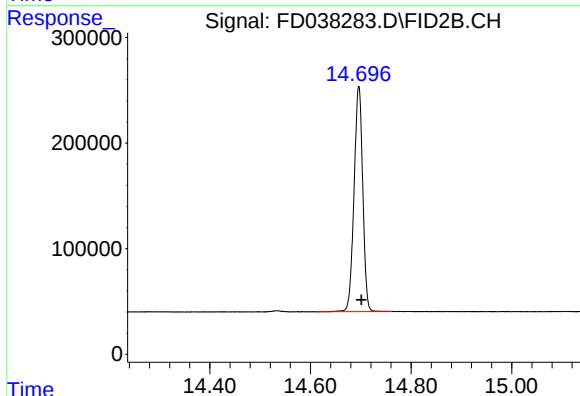
R.T.: 12.847 min
Delta R.T.: -0.006 min
Response: 2254653
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

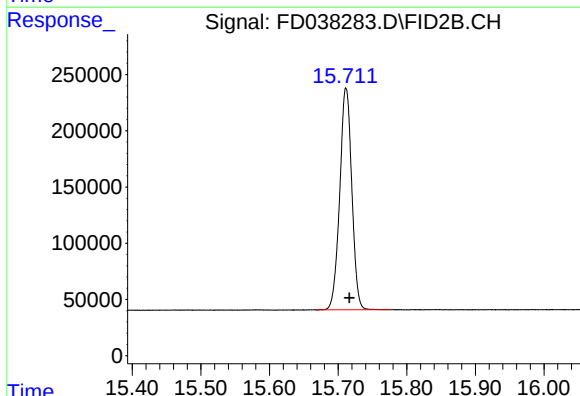
R.T.: 13.598 min
Delta R.T.: -0.005 min
Response: 2650035
Conc: 19.70 ug/ml

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20 PPM ALIPHATIC HC STD



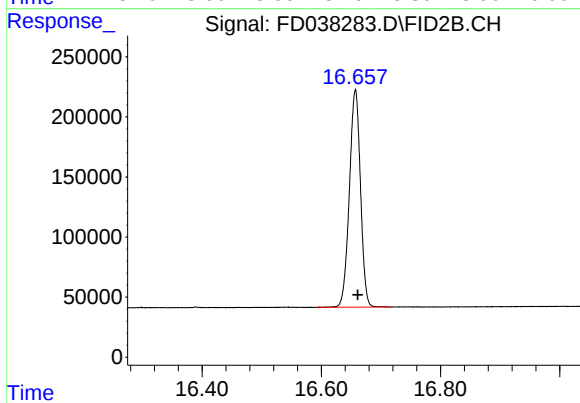
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: -0.005 min
Response: 2557832
Conc: 18.94 ug/ml



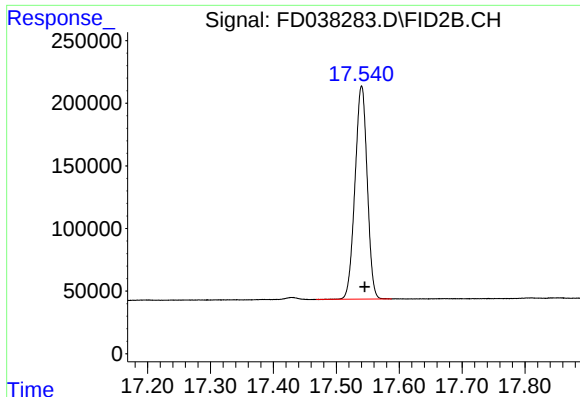
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: -0.005 min
Response: 2407016
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

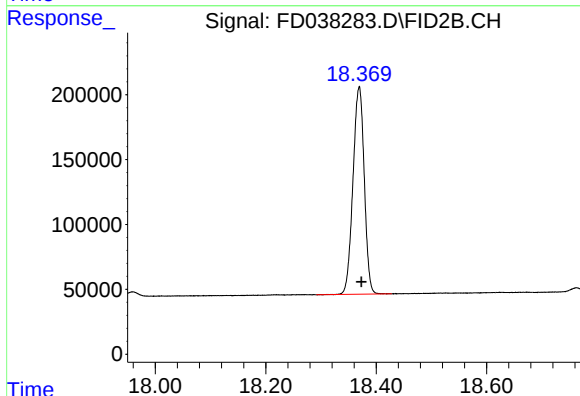
R.T.: 16.657 min
Delta R.T.: -0.004 min
Response: 2342091
Conc: 17.96 ug/ml



#17 n-Tricontane (C30)

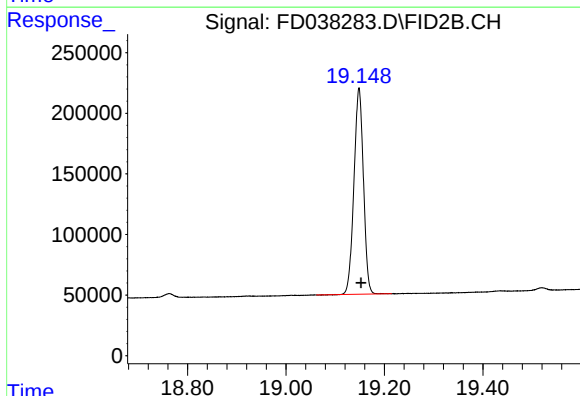
R.T.: 17.540 min
Delta R.T.: -0.005 min
Response: 2295613
Conc: 17.96 ug/ml

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20 PPM ALIPHATIC HC STD



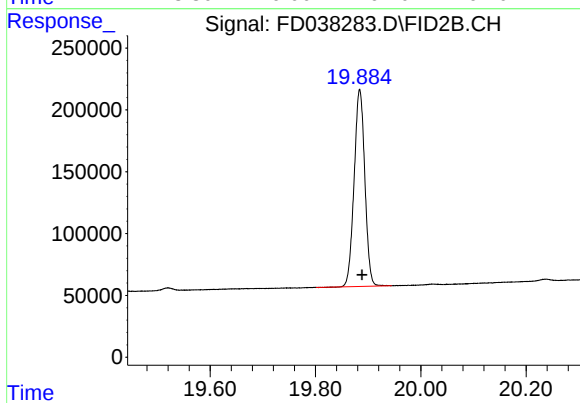
#18 n-Dotriacontane (C32)

R.T.: 18.369 min
Delta R.T.: -0.004 min
Response: 2263513
Conc: 18.40 ug/ml



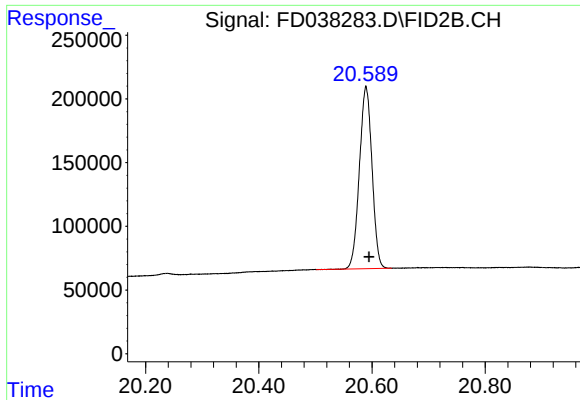
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: -0.004 min
Response: 2282823
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

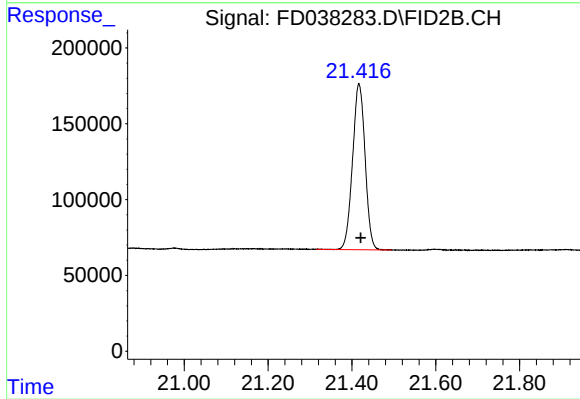
R.T.: 19.884 min
Delta R.T.: -0.004 min
Response: 2245991
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: -0.005 min
Response: 2203322
Conc: 21.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.417 min
Delta R.T.: -0.004 min
Response: 2265658
Conc: 23.17 ug/ml