

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038062.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 20:51
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 07 10:13:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:09:32 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)	11.418	734543	5.102 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
12) S 1-chlorooctadecane (S...	12.853	576515	5.071 ug/ml
Spiked Amount 50.000		Recovery =	10.14%
Target Compounds			
1) T n-Nonane (C9)	3.235	617984	5.108 ug/ml
2) T n-Decane (C10)	4.290	614912	5.034 ug/ml
3) T A~Naphthalene (C11.7)	5.861	678621	4.955 ug/ml
4) T n-Dodecane (C12)	6.295	636815	5.142 ug/ml
5) T A~2-methylnaphthalene...	6.911	686625	4.981 ug/ml
6) T n-Tetradecane (C14)	8.081	667308	5.242 ug/ml
7) T n-Hexadecane (C16)	9.675	654497	5.063 ug/ml
8) T n-Octadecane (C18)	11.109	686024	5.118 ug/ml
10) T n-Eicosane (C20)	12.412	686949	5.144 ug/ml
11) T n-Heneicosane (C21)	13.021	695731	5.152 ug/ml
13) T n-Docosane (C22)	13.604	688251	5.145 ug/ml
14) T n-Tetracosane (C24)	14.701	695676	5.191 ug/ml
15) T n-Hexacosane (C26)	15.716	675003	5.155 ug/ml
16) T n-Octacosane (C28)	16.661	678356	5.256 ug/ml
17) T n-Tricontane (C30)	17.545	679967	5.408 ug/ml
18) T n-Dotriacontane (C32)	18.372	673030	5.601 ug/ml
19) T n-Tetratriacontane (C34)	19.152	620627	5.380 ug/ml
20) T n-Hexatriacontane (C36)	19.888	568909	5.265 ug/ml
21) T n-Octatriacontane (C38)	20.592	523603	5.251 ug/ml
22) T n-Tetracontane (C40)	21.421	513841	5.321 ug/ml

(f)=RT Delta > 1/2 Window

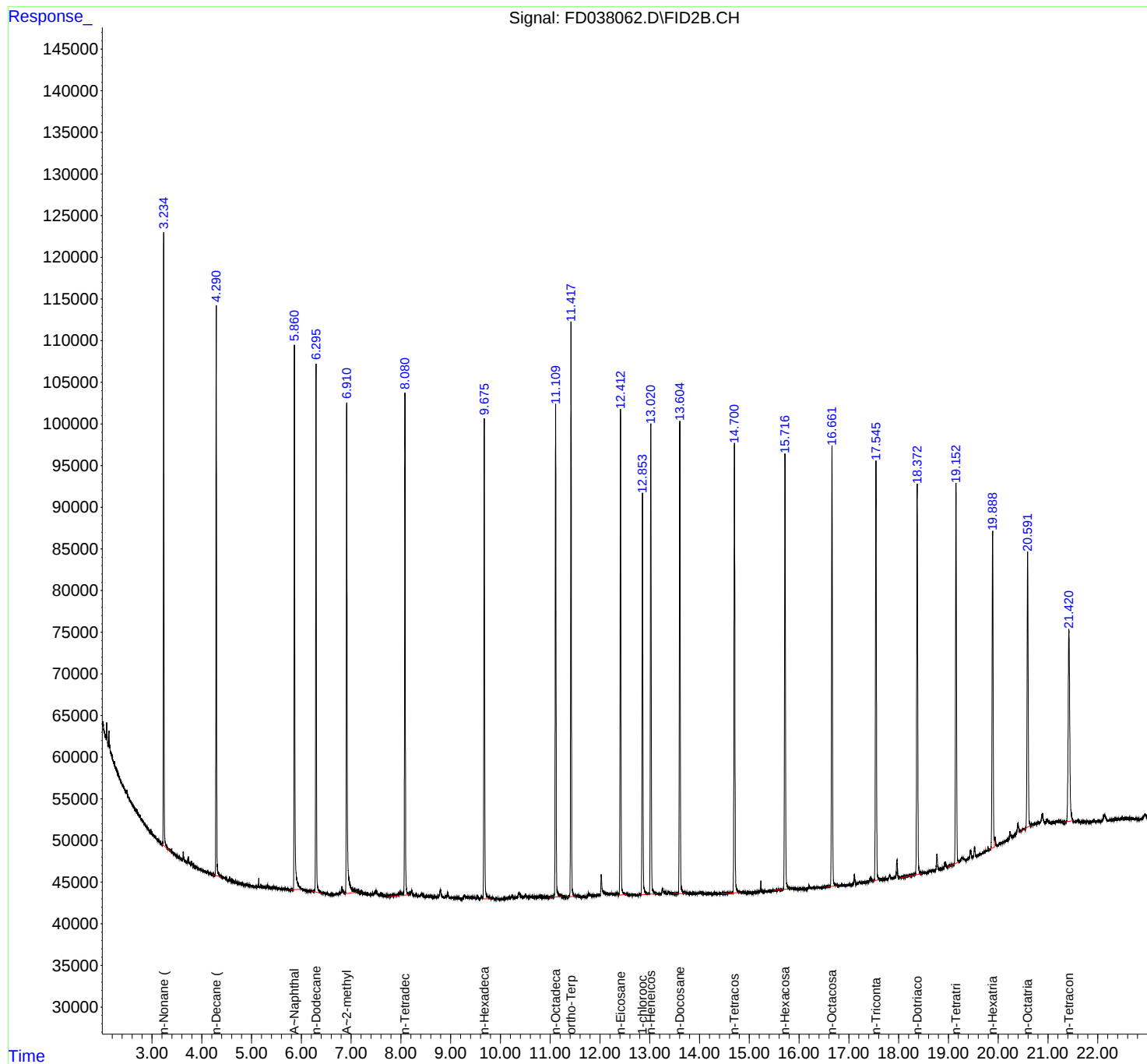
(m)=manual int.

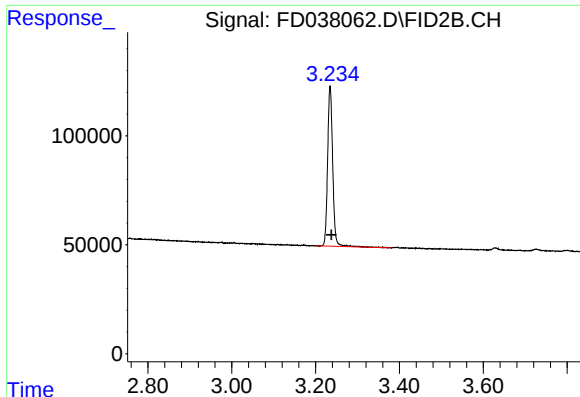
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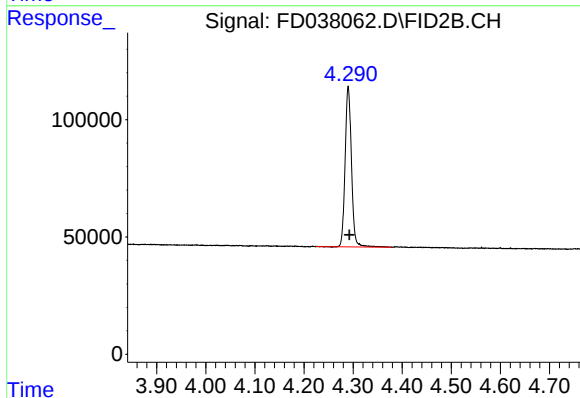




#1 n-Nonane (C9)

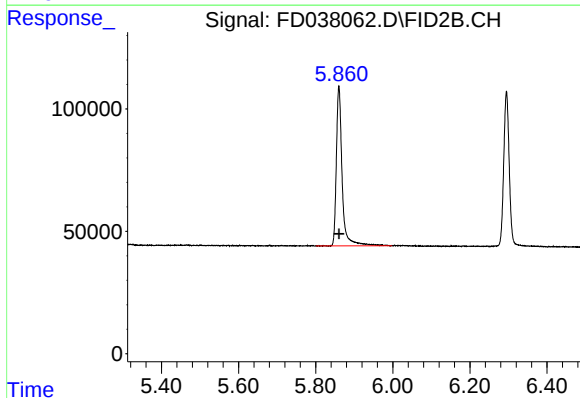
R.T.: 3.235 min
Delta R.T.: -0.003 min
Response: 617984
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



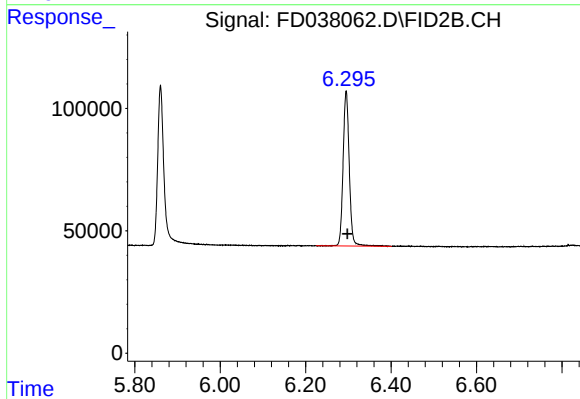
#2 n-Decane (C10)

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 614912
Conc: 5.03 ug/ml



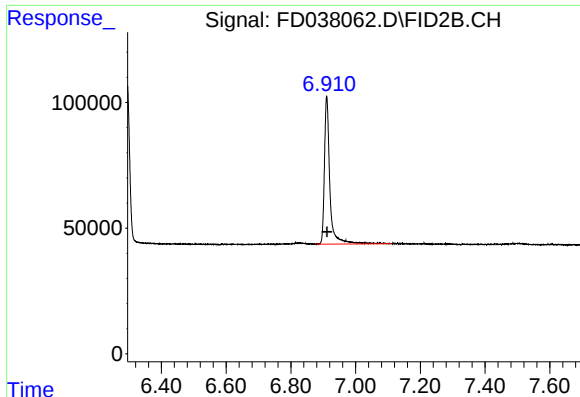
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 678621
Conc: 4.96 ug/ml



#4 n-Dodecane (C12)

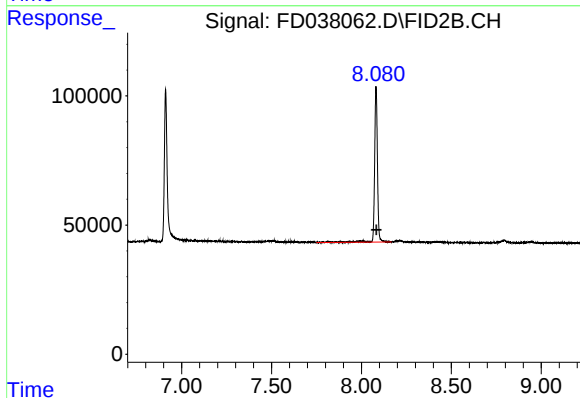
R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 636815
Conc: 5.14 ug/ml



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

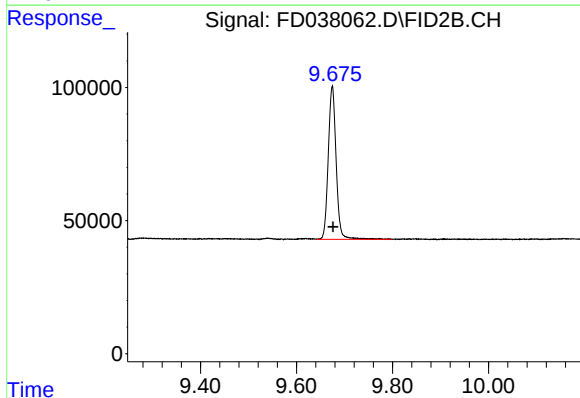
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 686625
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



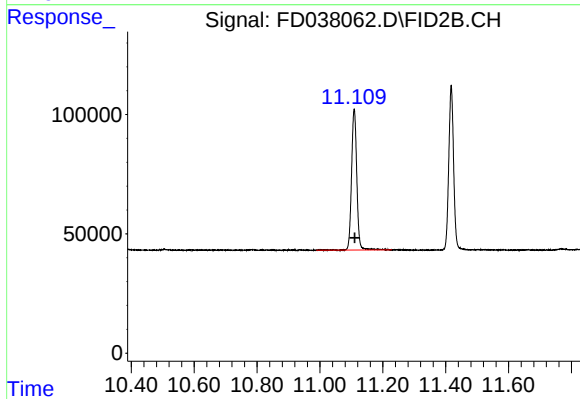
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 667308
Conc: 5.24 ug/ml



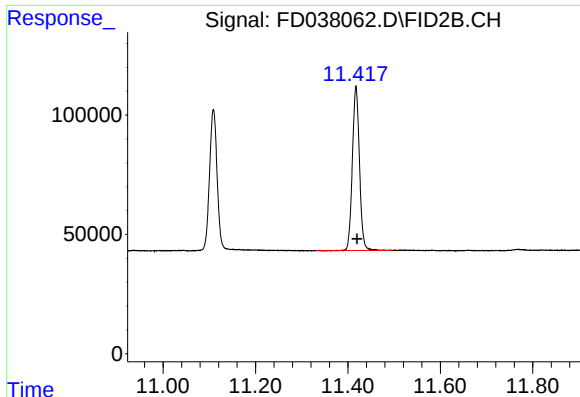
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: -0.002 min
Response: 654497
Conc: 5.06 ug/ml



#8 n-Octadecane (C18)

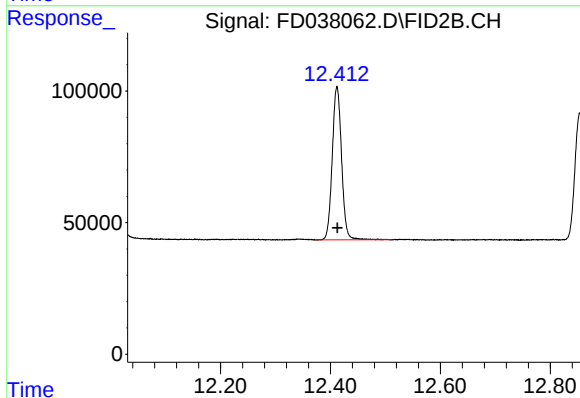
R.T.: 11.109 min
Delta R.T.: -0.002 min
Response: 686024
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

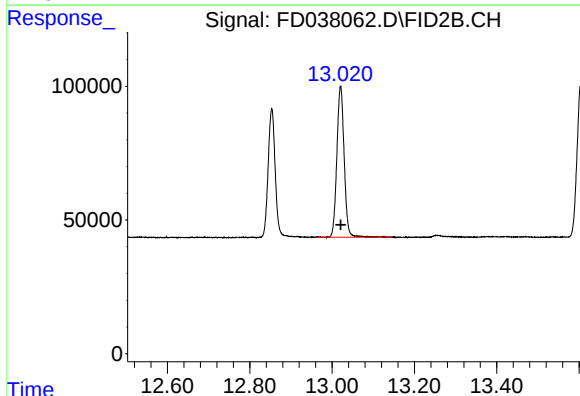
R.T.: 11.418 min
Delta R.T.: -0.002 min
Response: 734543
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



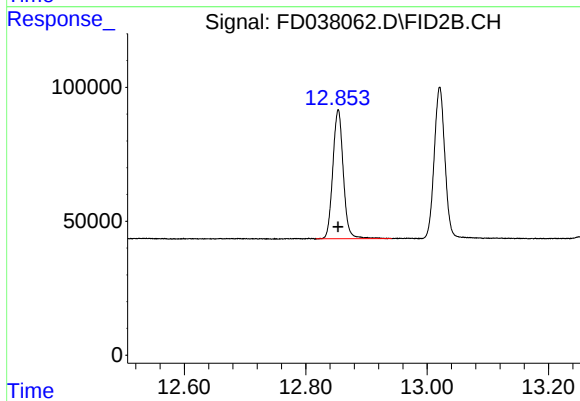
#10 n-Eicosane (C20)

R.T.: 12.412 min
Delta R.T.: 0.000 min
Response: 686949
Conc: 5.14 ug/ml



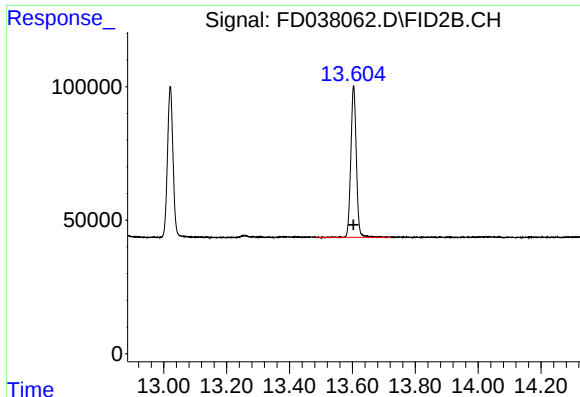
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 695731
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

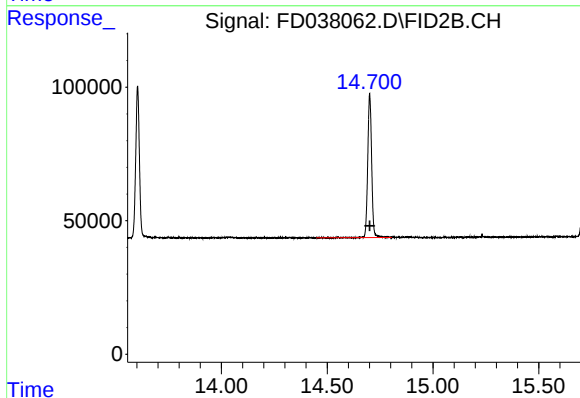
R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 576515
Conc: 5.07 ug/ml



#13 n-Docosane (C22)

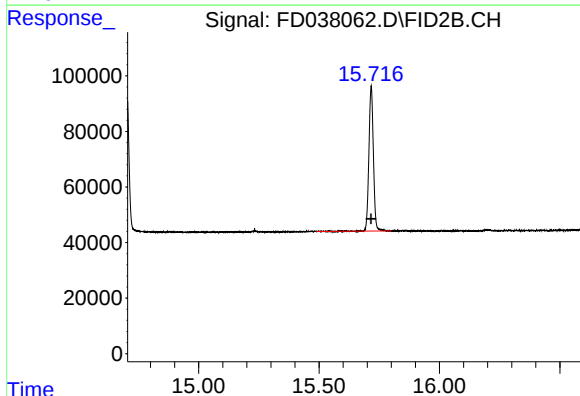
R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 688251
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



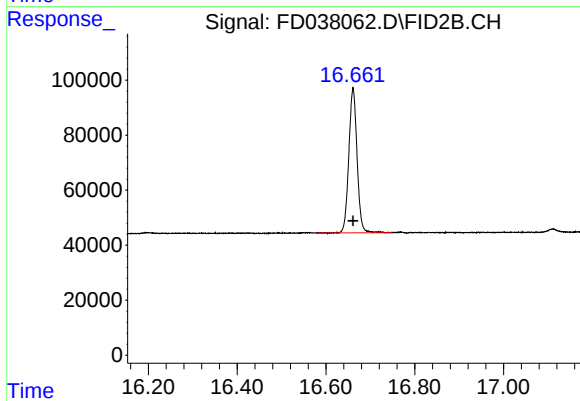
#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.000 min
Response: 695676
Conc: 5.19 ug/ml



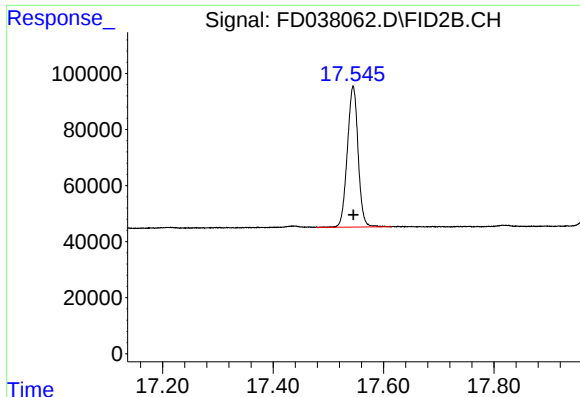
#15 n-Hexacosane (C26)

R.T.: 15.716 min
Delta R.T.: 0.000 min
Response: 675003
Conc: 5.15 ug/ml



#16 n-Octacosane (C28)

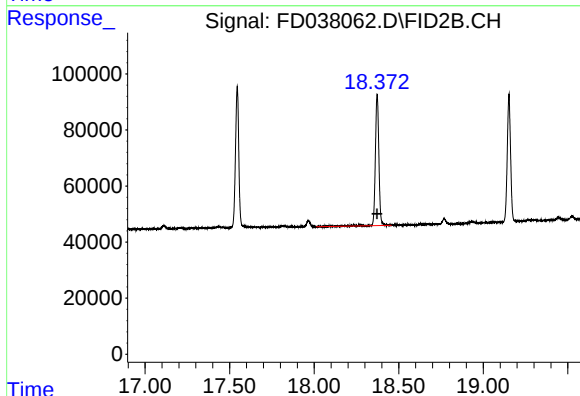
R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 678356
Conc: 5.26 ug/ml



#17 n-Tricontane (C30)

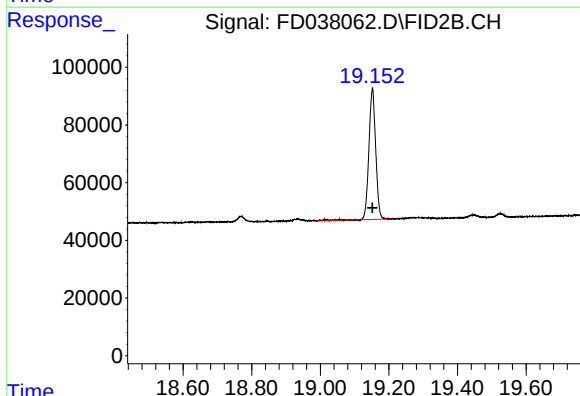
R.T.: 17.545 min
Delta R.T.: 0.000 min
Response: 679967
Conc: 5.41 ug/ml

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5 PPM ALIPHATIC HC STD5



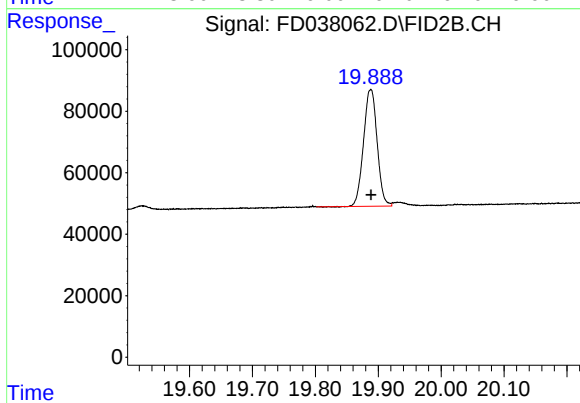
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.001 min
Response: 673030
Conc: 5.60 ug/ml



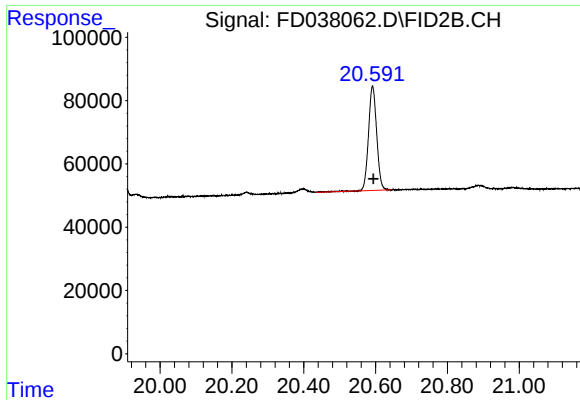
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.000 min
Response: 620627
Conc: 5.38 ug/ml



#20 n-Hexatriacontane (C36)

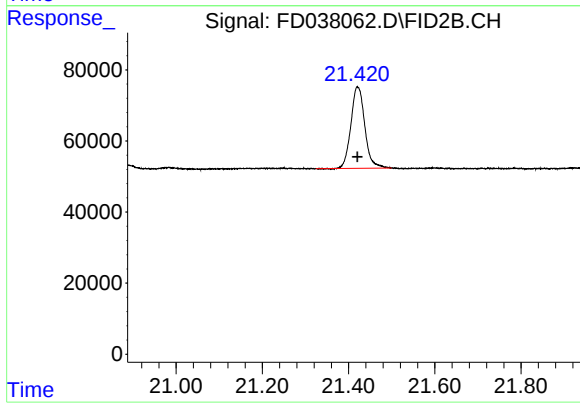
R.T.: 19.888 min
Delta R.T.: 0.000 min
Response: 568909
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.003 min
Response: 523603
Conc: 5.25 ug/ml

Instrument :
FID_D
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.000 min
Response: 513841
Conc: 5.32 ug/ml