

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
 Data File : FD042666.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 3:22
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 28 07:51:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:48:33 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)	11.581	864275	5.155 ug/ml
Spiked Amount 50.000		Recovery =	10.31%
12) S 1-chlorooctadecane (S...	13.014	675658	5.117 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
Target Compounds			
1) T n-Nonane (C9)	3.356	726236	5.181 ug/ml
2) T n-Decane (C10)	4.422	722855	5.181 ug/ml
3) T A~Naphthalene (C11.7)	6.004	822988	5.176 ug/ml
4) T n-Dodecane (C12)	6.436	737643	5.158 ug/ml
5) T A~2-methylnaphthalene...	7.057	834578	5.159 ug/ml
6) T n-Tetradecane (C14)	8.228	748508	5.159 ug/ml
7) T n-Hexadecane (C16)	9.825	766277	5.158 ug/ml
8) T n-Octadecane (C18)	11.264	781324	5.147 ug/ml
10) T n-Eicosane (C20)	12.571	779522	5.128 ug/ml
11) T n-Heneicosane (C21)	13.181	785885	5.126 ug/ml
13) T n-Docosane (C22)	13.766	783961	5.121 ug/ml
14) T n-Tetracosane (C24)	14.867	777628	5.099 ug/ml
15) T n-Hexacosane (C26)	15.885	748259	5.020 ug/ml
16) T n-Octacosane (C28)	16.832	704108	4.915 ug/ml
17) T n-Tricontane (C30)	17.717	657317	4.882 ug/ml
18) T n-Dotriacontane (C32)	18.547	596412	4.936 ug/ml
19) T n-Tetratriacontane (C34)	19.329	536169	4.960 ug/ml
20) T n-Hexatriacontane (C36)	20.067	491523	4.958 ug/ml
21) T n-Octatriacontane (C38)	20.797	447653	4.780 ug/ml
22) T n-Tetracontane (C40)	21.698	350375	4.135 ug/ml

(f)=RT Delta > 1/2 Window

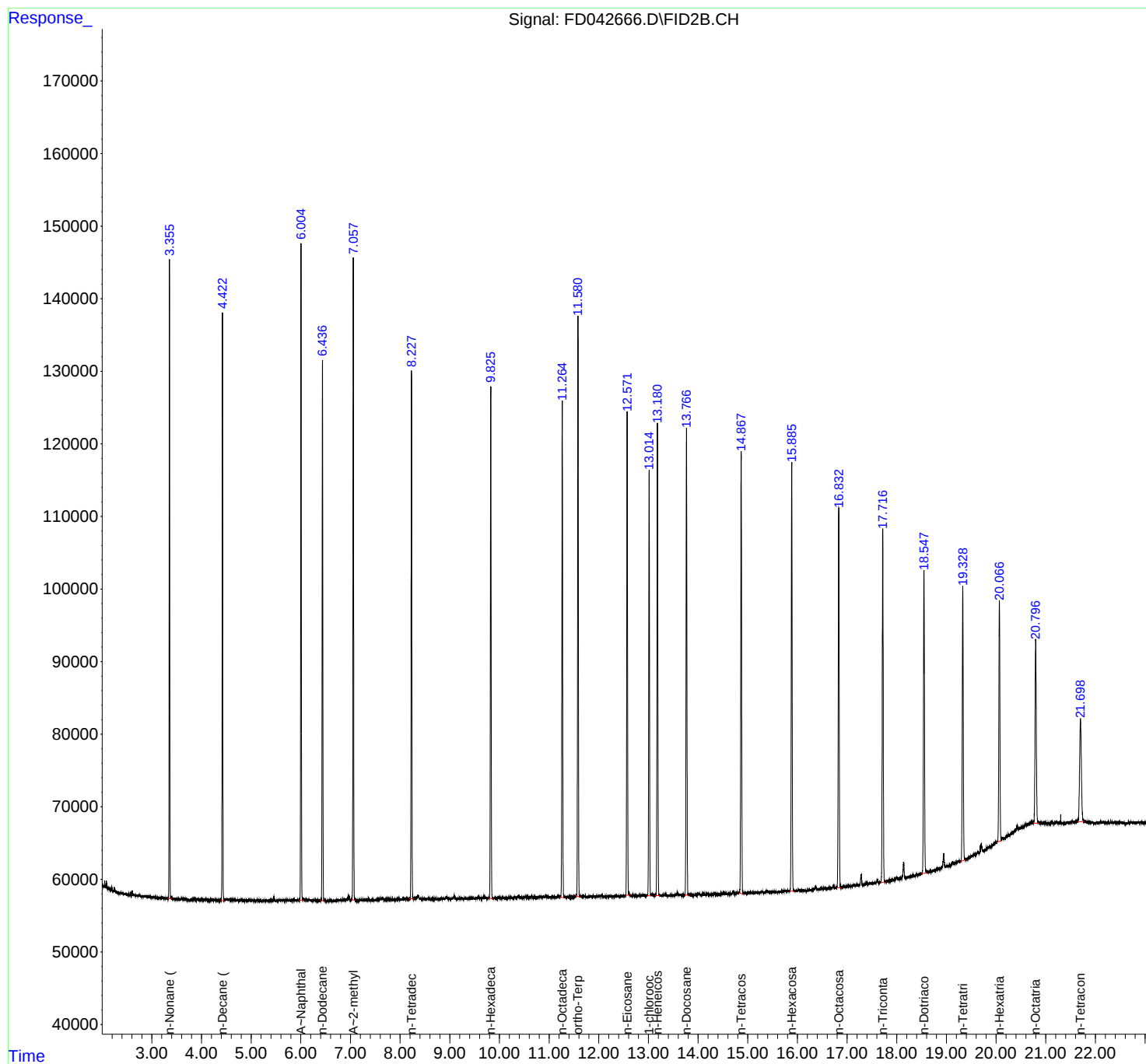
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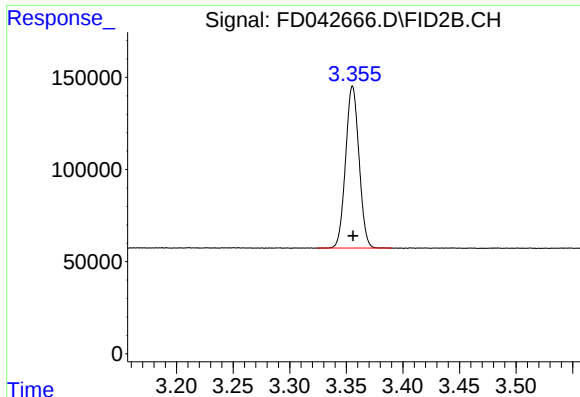
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
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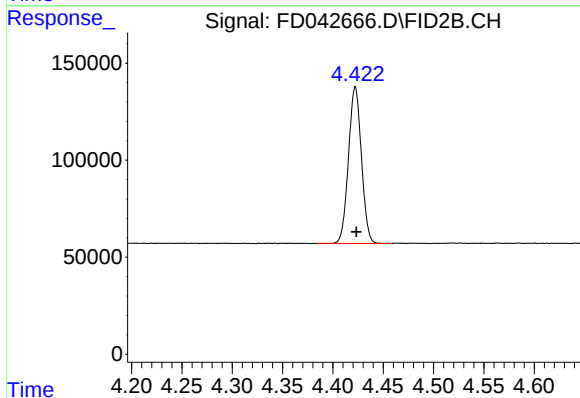




#1 n-Nonane (C9)

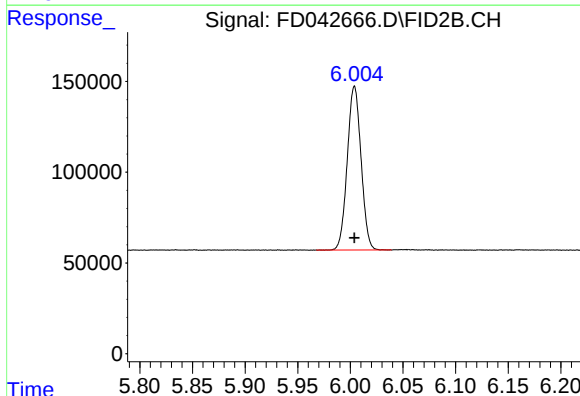
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 726236
Conc: 5.18 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



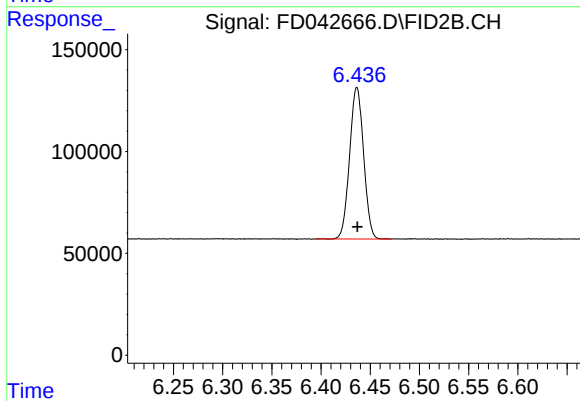
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.001 min
Response: 722855
Conc: 5.18 ug/ml



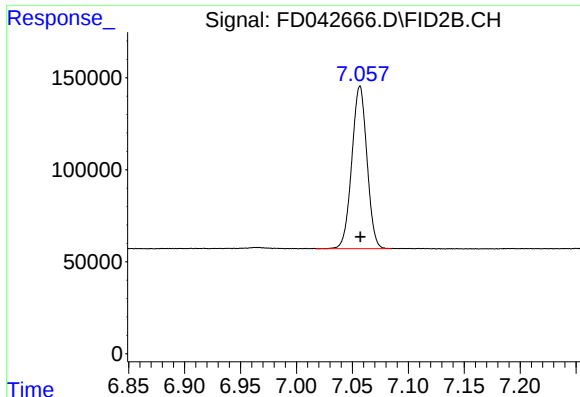
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 822988
Conc: 5.18 ug/ml



#4 n-Dodecane (C12)

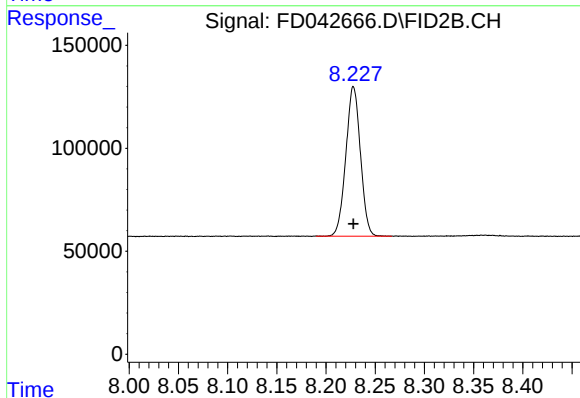
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 737643
Conc: 5.16 ug/ml



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

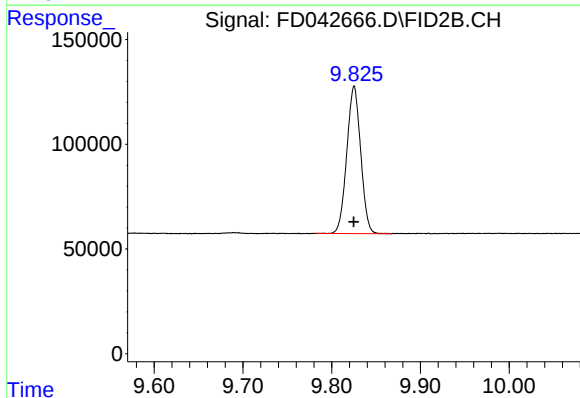
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 834578
Conc: 5.16 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



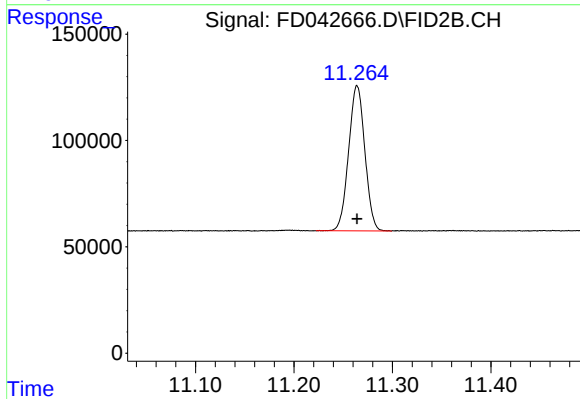
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 748508
Conc: 5.16 ug/ml



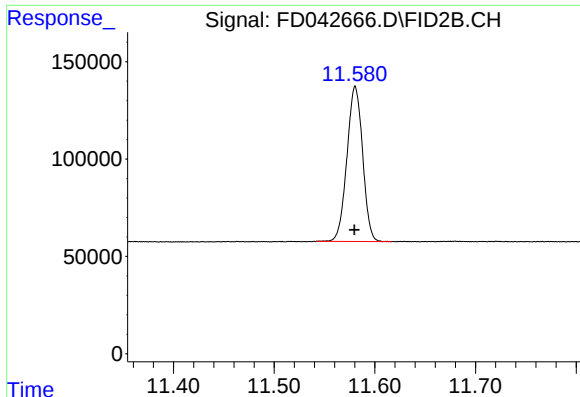
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 766277
Conc: 5.16 ug/ml



#8 n-Octadecane (C18)

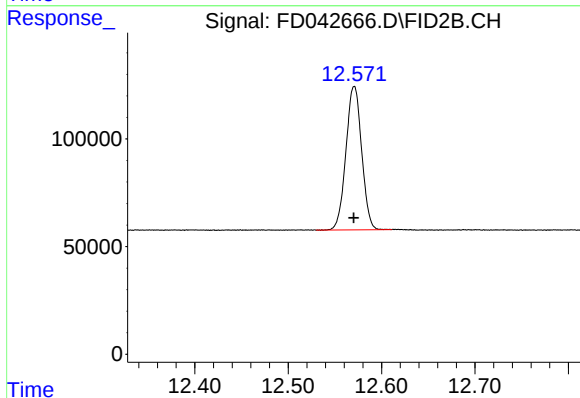
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 781324
Conc: 5.15 ug/ml



#9 ortho-Terphenyl (SURR)

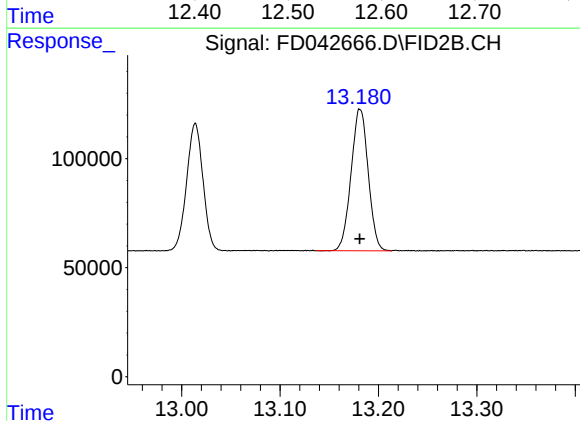
R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 864275
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



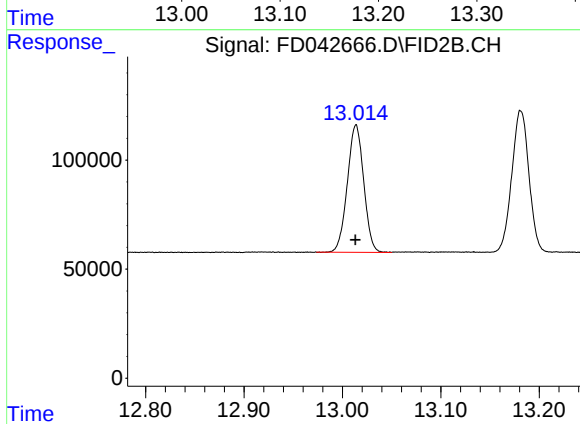
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 779522
Conc: 5.13 ug/ml



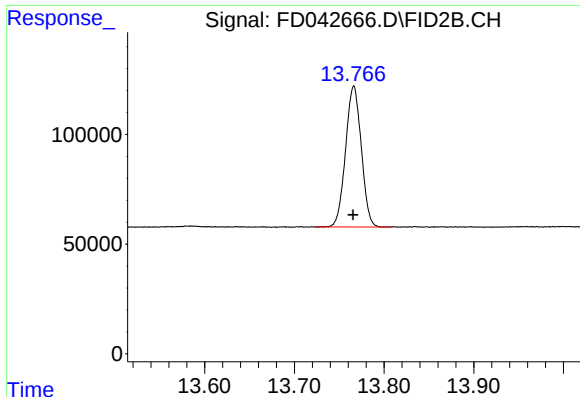
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 785885
Conc: 5.13 ug/ml



#12 1-chlorooctadecane (SURR)

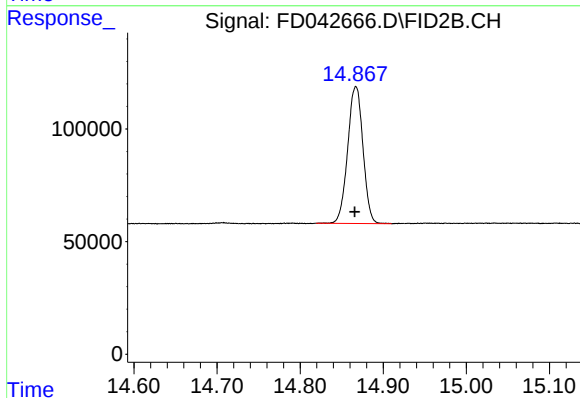
R.T.: 13.014 min
Delta R.T.: 0.000 min
Response: 675658
Conc: 5.12 ug/ml



#13 n-Docosane (C22)

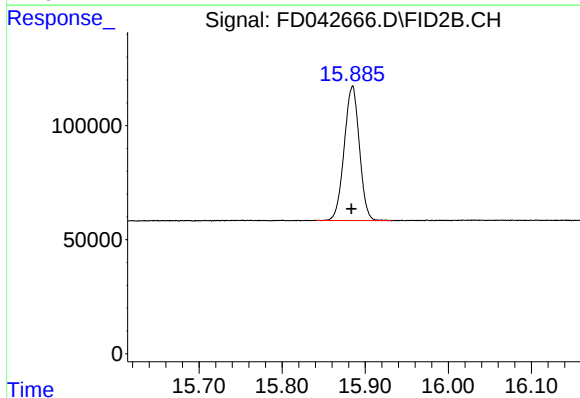
R.T.: 13.766 min
Delta R.T.: 0.000 min
Response: 783961
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



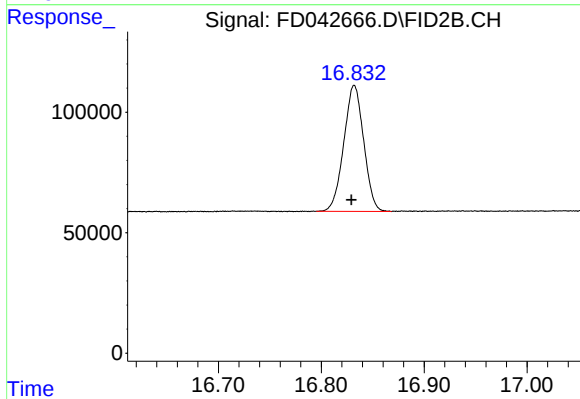
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.001 min
Response: 777628
Conc: 5.10 ug/ml



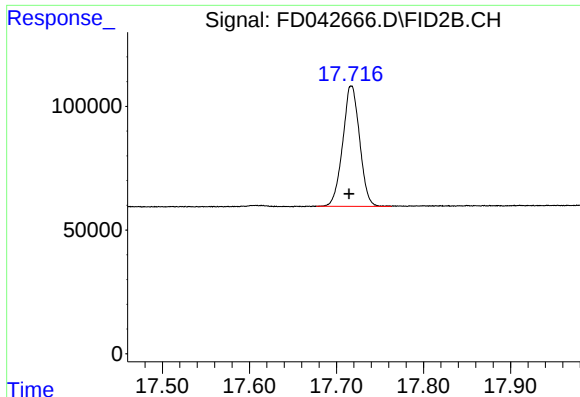
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.002 min
Response: 748259
Conc: 5.02 ug/ml



#16 n-Octacosane (C28)

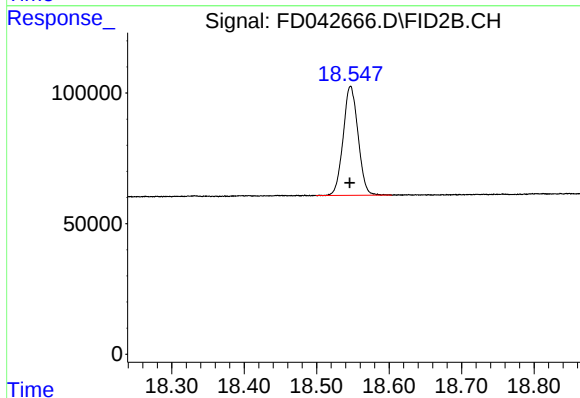
R.T.: 16.832 min
Delta R.T.: 0.003 min
Response: 704108
Conc: 4.92 ug/ml



#17 n-Tricontane (C30)

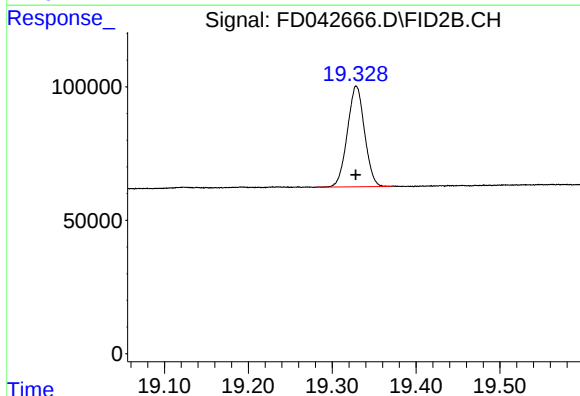
R.T.: 17.717 min
Delta R.T.: 0.002 min
Response: 657317
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



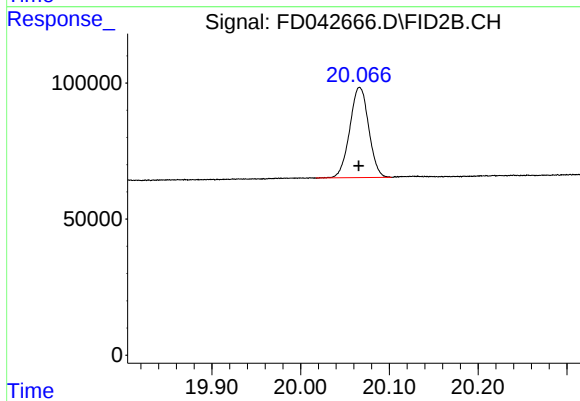
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.001 min
Response: 596412
Conc: 4.94 ug/ml



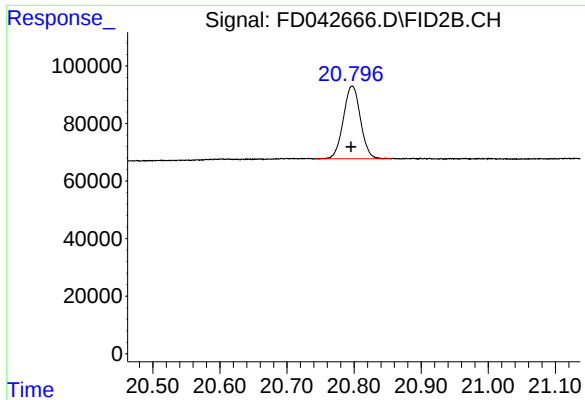
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 536169
Conc: 4.96 ug/ml



#20 n-Hexatriacontane (C36)

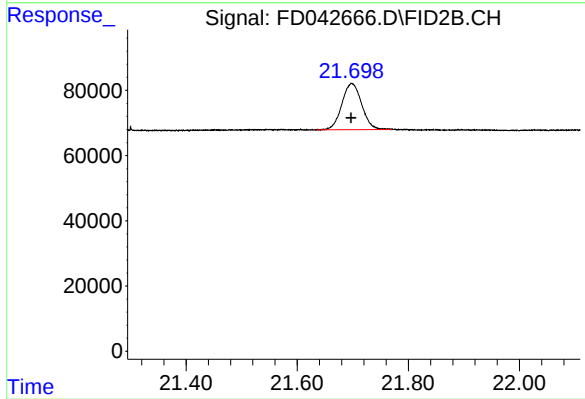
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 491523
Conc: 4.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.001 min
Response: 447653
Conc: 4.78 ug/ml

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FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.000 min
Response: 350375
Conc: 4.13 ug/ml