

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035822.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 21:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 22 01:53:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 2020
 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)	11.486	2659876	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.918	2136812	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.288	2272942	20.032 ug/ml
2) T n-Decane (C10)	4.348	2296594	20.111 ug/ml
3) T A~Naphthalene (C11.7)	5.926	2461891	20.260 ug/ml
4) T n-Dodecane (C12)	6.356	2376129	20.085 ug/ml
5) T A~2-methylnaphthalene...	6.978	2490721	20.185 ug/ml
6) T n-Tetradecane (C14)	8.143	2394067	20.106 ug/ml
7) T n-Hexadecane (C16)	9.736	2366808	20.206 ug/ml
8) T n-Octadecane (C18)	11.171	2481850	20.092 ug/ml
10) T n-Eicosane (C20)	12.476	2521322	20.136 ug/ml
11) T n-Heneicosane (C21)	13.084	2519665	20.163 ug/ml
13) T n-Docosane (C22)	13.667	2511068	20.187 ug/ml
14) T n-Tetracosane (C24)	14.766	2486001	20.161 ug/ml
15) T n-Hexacosane (C26)	15.782	2427820	20.193 ug/ml
16) T n-Octacosane (C28)	16.727	2368795	20.205 ug/ml
17) T n-Tricontane (C30)	17.609	2257265	20.157 ug/ml
18) T n-Dotriacontane (C32)	18.436	2044133	20.124 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1884298	20.087 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1746494	20.050 ug/ml
21) T n-Octatriacontane (C38)	20.665	1648979	19.973 ug/ml
22) T n-Tetracontane (C40)	21.525	1678093	20.117 ug/ml

(f)=RT Delta > 1/2 Window

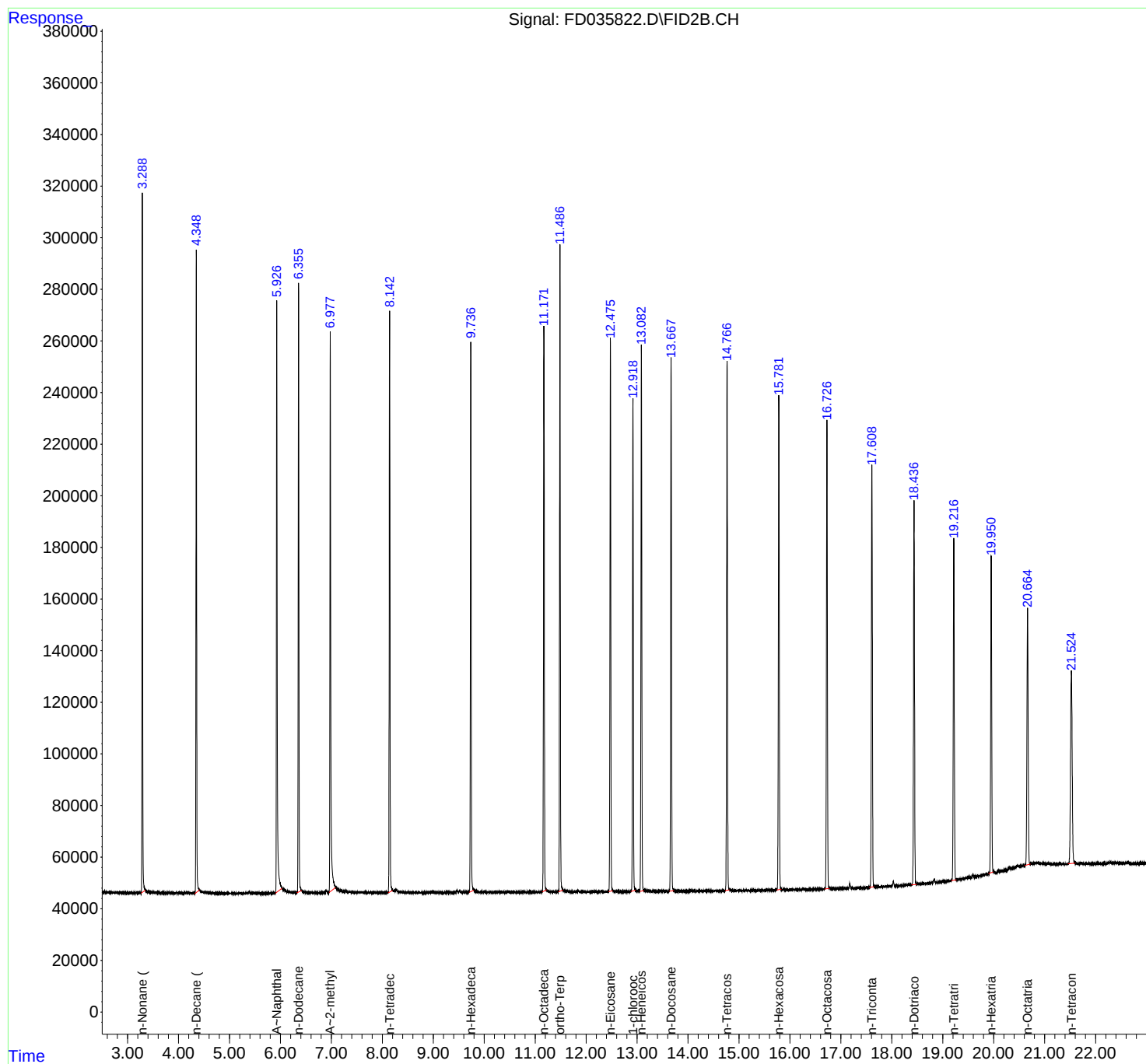
(m)=manual int.

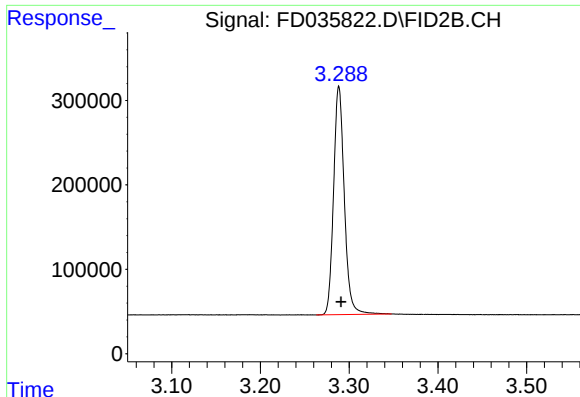
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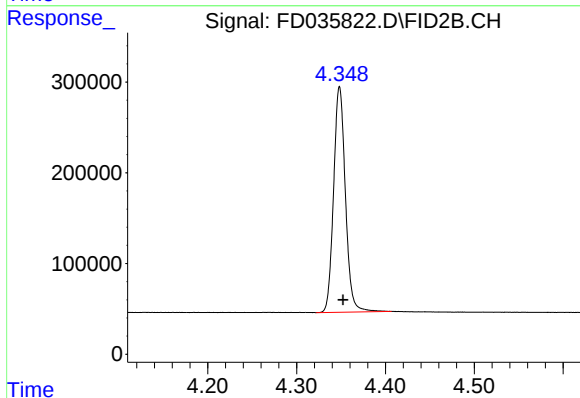




#1 n-Nonane (C9)

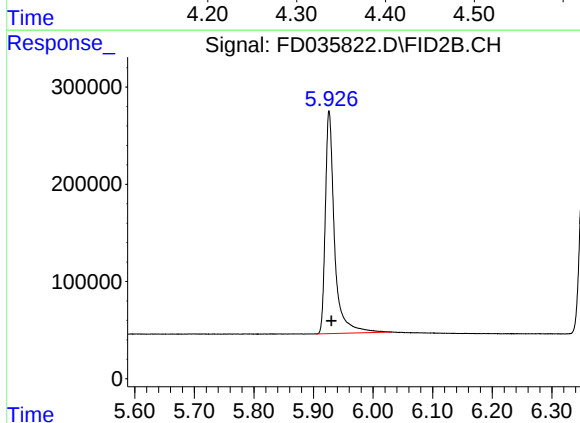
R.T.: 3.288 min
Delta R.T.: -0.003 min
Response: 2272942
Conc: 20.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



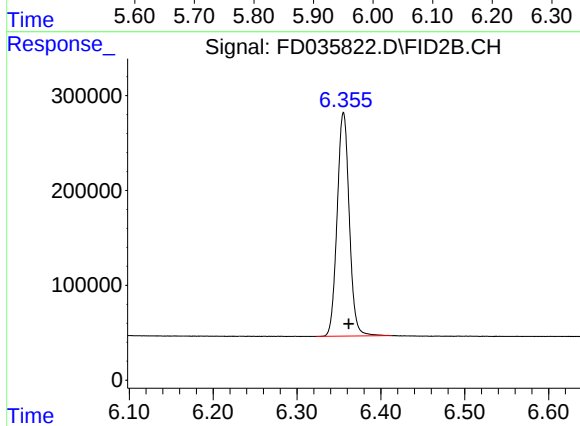
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.004 min
Response: 2296594
Conc: 20.11 ug/ml



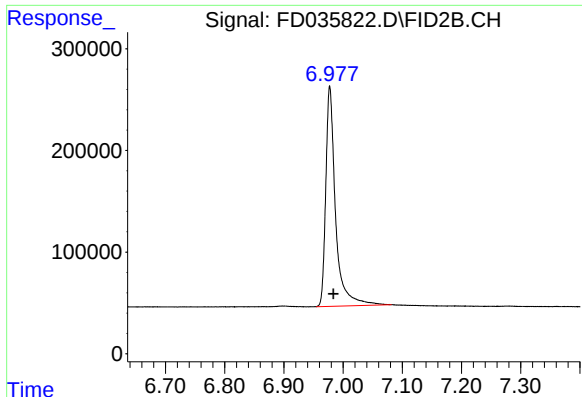
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 2461891
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

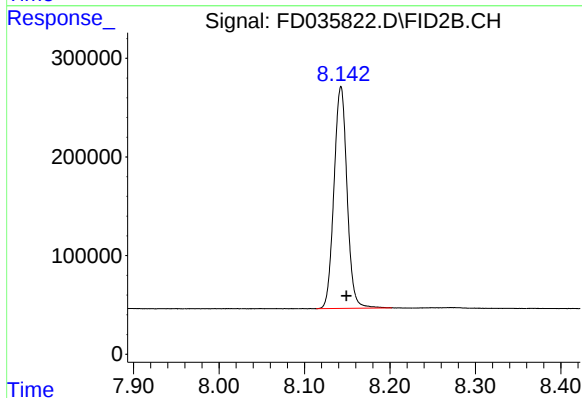
R.T.: 6.356 min
Delta R.T.: -0.006 min
Response: 2376129
Conc: 20.08 ug/ml



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

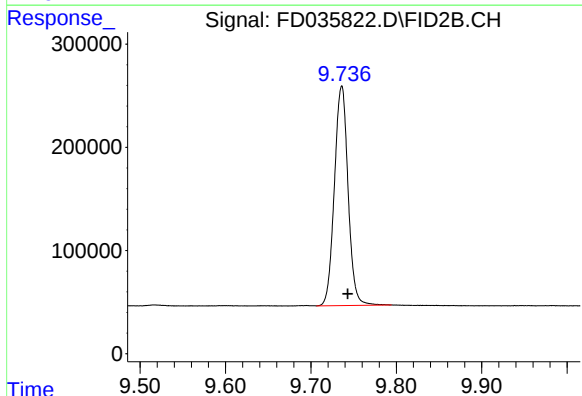
R.T.: 6.978 min
Delta R.T.: -0.006 min
Response: 2490721
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



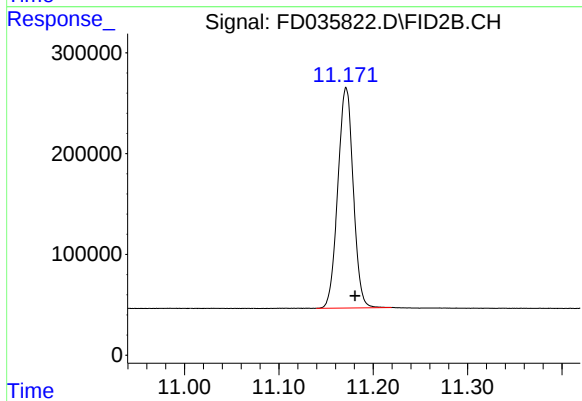
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 2394067
Conc: 20.11 ug/ml



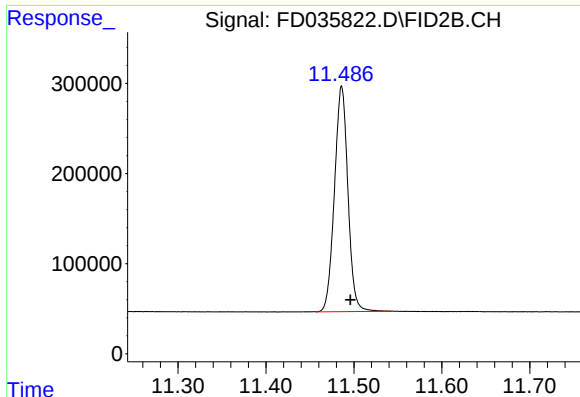
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: -0.007 min
Response: 2366808
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

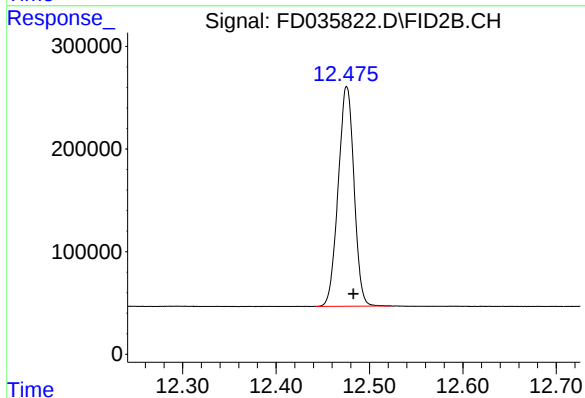
R.T.: 11.171 min
Delta R.T.: -0.009 min
Response: 2481850
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

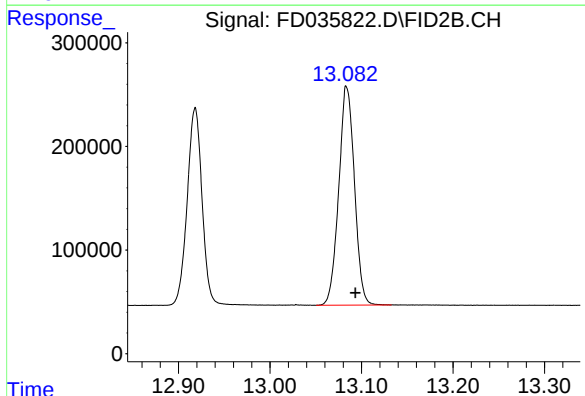
R.T.: 11.486 min
Delta R.T.: -0.010 min
Response: 2659876
Conc: 20.12 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



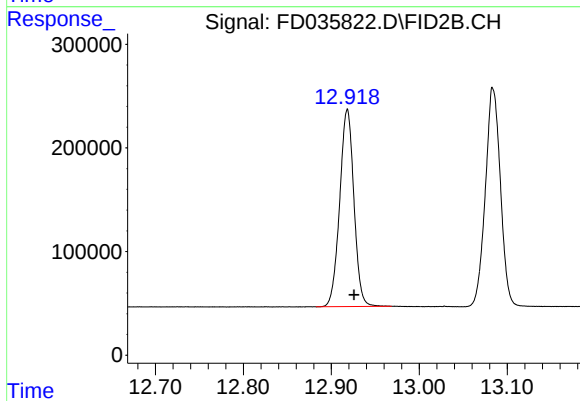
#10 n-Eicosane (C20)

R.T.: 12.476 min
Delta R.T.: -0.007 min
Response: 2521322
Conc: 20.14 ug/ml



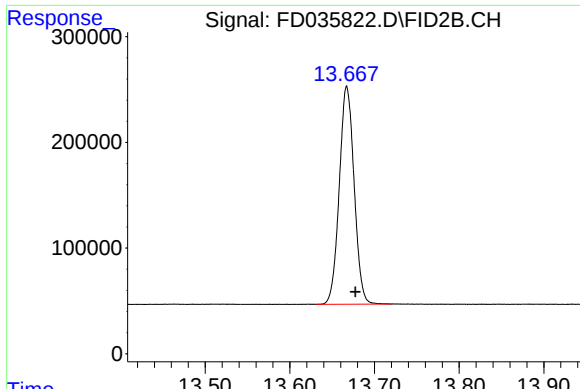
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 2519665
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

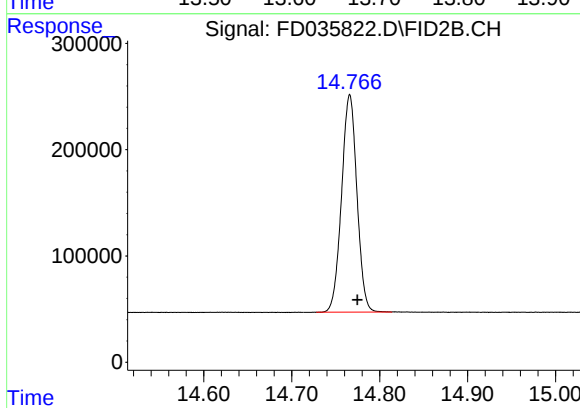
R.T.: 12.918 min
Delta R.T.: -0.008 min
Response: 2136812
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

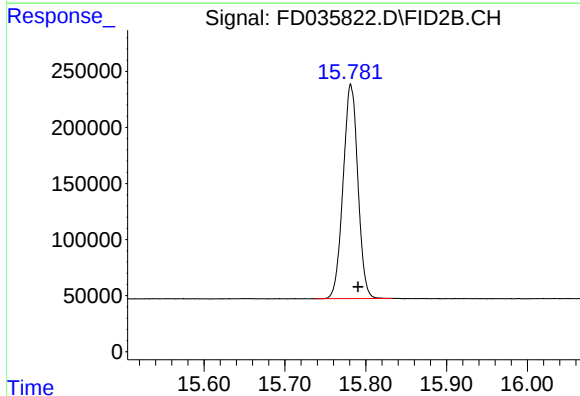
R.T.: 13.667 min
Delta R.T.: -0.010 min
Response: 2511068
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



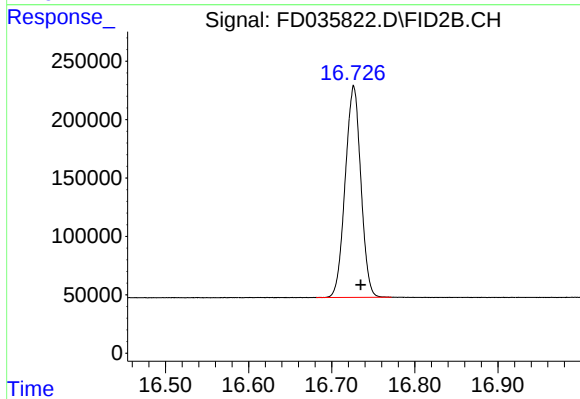
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.009 min
Response: 2486001
Conc: 20.16 ug/ml



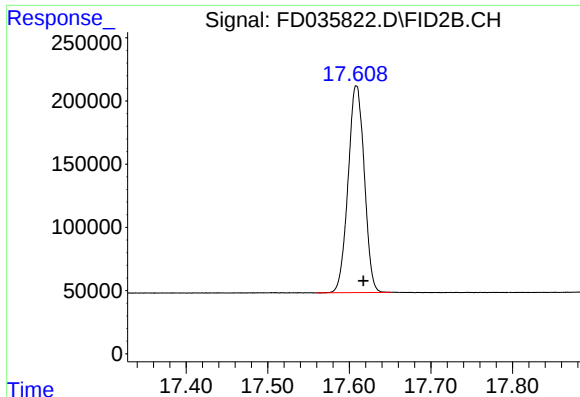
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.009 min
Response: 2427820
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

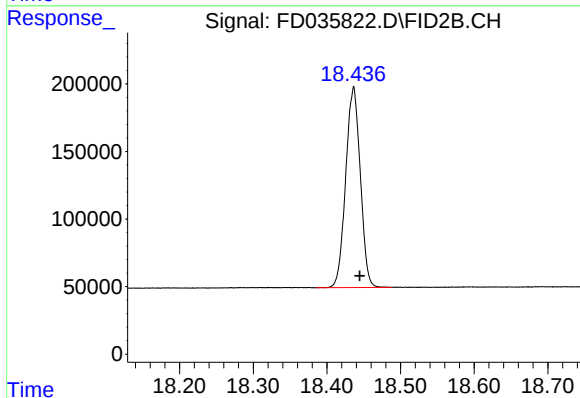
R.T.: 16.727 min
Delta R.T.: -0.008 min
Response: 2368795
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

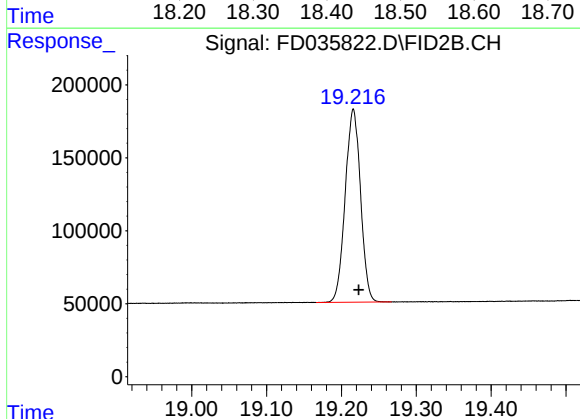
R.T.: 17.609 min
Delta R.T.: -0.009 min
Response: 2257265
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



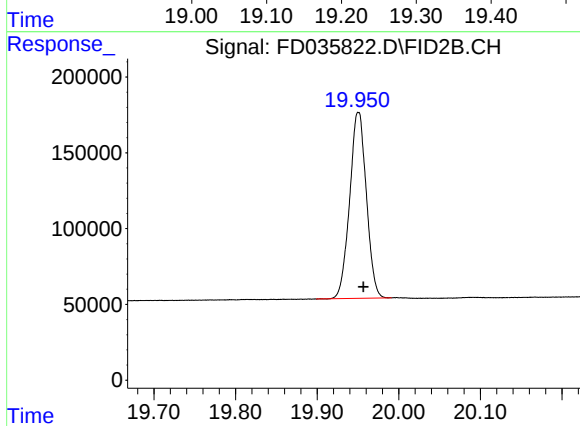
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: -0.008 min
Response: 2044133
Conc: 20.12 ug/ml



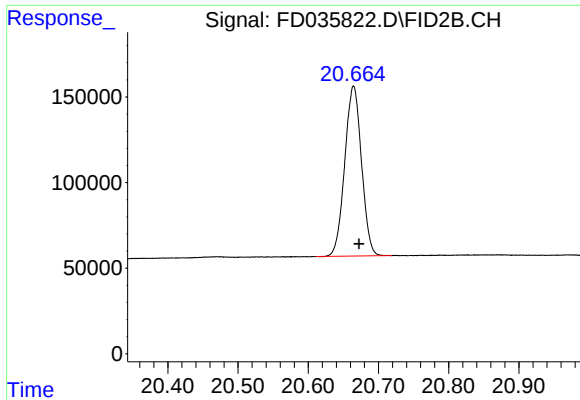
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: -0.007 min
Response: 1884298
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

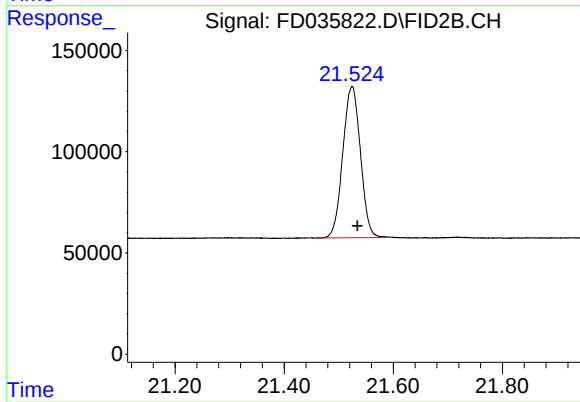
R.T.: 19.951 min
Delta R.T.: -0.006 min
Response: 1746494
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: -0.008 min
Response: 1648979
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.525 min
Delta R.T.: -0.010 min
Response: 1678093
Conc: 20.12 ug/ml